

Our Ref : JPL/MoEF&CC/ENV/012066  
Date : May 30, 2022

Director (EI)  
Ministry of Environment & Forests and Climate Change  
Paryavaran Bhawan, C.G.O. Complex,  
Lodi Road, New Delhi – 110 003

**Subject:** Compliance report to Environment Clearance of 1320 MW coal based thermal power plant by Jhajjar Power Ltd. at Jhajjar, Haryana  
**Ref:** EC letter to HPGCL vide-J-13011/10/2008-IA. II (T) awarded on 24<sup>th</sup> April, 2008 & to JPL on Dated 25 November 2009 (Annexure –I)  
FGD installation letter Dated 11 August 2010 (Annexure-II)

Dear Sir,

With reference to above mentioned subject and reference, we would like to state that all the conditions mentioned herein Environment Clearance, have been complied with. Please find enclosed the detailed report against environment Clearance conditions for **October 2021 to March 2022** in **Annexure III**

We would also like to mention that subsequent to the various clearances for the project, the two units have been commissioned after getting consent from appropriate authority on 29.03.2012 (Unit I) and 19.07.2012 (Unit II). We would like to bring to your kind notice that all environmental monitoring reports (e.g. Ambient Air Quality, Stack Monitoring, Ground Water Quality etc.) are being regularly submitted to HSPCB Office as per the consent conditions. Present Consent No HSPCB/Consent/ : 2816121JHACTO12685526 dated, 22 July 2021, valid till 30 September 2026 (**Annexure V**). Quarterly monitoring reports submitted to HSPCB during this period is attached as **Annexure IV**.

Thanking you,

Yours faithfully  
For Jhajjar Power Limited



Bhaskar Bhattacharjee  
Sr. Vice President – (O&M)

Enclosure:

Annexure- I, II, III, IV and V

Copy to(Via email) :-

1. The Chairman, Haryana State Pollution Control Board, C-11, Sector-6, Panchkula, Haryana
2. The Chairman, Central Pollution Control Board, Parivesh Bhawan, CBD-cum-Office Complex, East Arjun Nagar, Delhi-110032.
3. The Director, Ministry of Environment & Forests, Northern Regional Office, Bay No.24-25, Sector 31-A, Dakshin Marg, Chandigarh.
4. The Regional Officer, Regional Pollution Control Board, Bahadurgarh, Haryana

**Jhajjar Power Limited** (An Apraava Energy Company)

**Corporate Office:**

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Andheri (East), Mumbai 400 099  
T: +91 22 6758 8888  
F: +91 22 6758 8811/8833  
W: www.clpgroup.com, www.apraava.com

**Registered Office:**

Unit No. T-15 B, Salcon Ras Vilas, 3<sup>rd</sup> Floor,  
Plot No. D-1, Saket District Centre, Saket,  
New Delhi 110 017  
T: +91 11 6612 0700 F: +91 11 6612 0777/0778  
CIN No.: U40104DL2008SGC374107

**Plant:**

Village Khanpur, Tehsil Matenhail,  
District Jhajjar, Haryana 124 142  
T: +91 1251 270100  
F: +91 1251 270105

By Speed Post

No. J-13011/10/2008?IA.II(T)  
Government of India  
Ministry of Environment & Forests

Paryavaran Bhavan,  
C.G.O. Complex, Lodi Road,  
New Delhi-110003.

Dated: 24<sup>th</sup> April, 2008

To,

M/s Haryana Power Generation Corporation Ltd.  
Shakti Bhawan, Sector-6,  
Panchkula ? 134 112  
Haryana.

**Sub: 1320 MW (2x660 MW) Coal based Thermal Power Project at Jhajjar, Haryana by M/s Haryana Power Generation Company Ltd Environmental Clearance regarding.**

The undersigned is directed to refer to your communication no. Ch-30/ CE/ PPM/ SE/ Tech-320/L-3 dated 30.01.2008 regarding the subject mentioned above.

2. It is noted that the proposal is for grant of environmental clearance for setting up of a 1320 MW coal based thermal power project at Jhajjar, Haryana. The coordinates of the project site are latitude 28° 29' 11" N and longitude 76° 21' 07" E. The land requirement for the project is 1221 acres (494.1 ha), which includes 137 ha for greenbelt. The water requirement is estimated as 5,000 m<sup>3</sup>/hr, which will be obtained from Jawaharlal Nehru Canal of Western Yamuna Canal. The coal requirement is estimated as 6.76 million TPA at 90% PLF. Coal linkage has been obtained. No ecologically sensitive area is reported within 15 Km radius of the plant boundary. Bhindawas Wildlife Sanctuary is reported to be at a distance of 17 km. Public hearing was held on 29.10.2007. Total cost of the project is Rs. 5300.00 crores which includes Rs. 318.00 crores for environmental protection measures.

3. The proposal has been considered and Ministry of Environment & Forests hereby accords environmental clearance to the said project under the provisions of Environment Impact Assessment Notification, 2006 subject to implementation of the following terms and conditions:-

- (i) The total land requirement for the project shall be restricted to 1221 acres.
- (ii) Sulphur and ash contents in the coal to be used in the project shall not exceed 0.35% and 34% respectively.
- (iii) A bi-flue stack of 275 m height shall be provided with continuous online

monitoring equipments for SO<sub>2</sub>, NOx and Particulate. Exit velocity of flue gases shall not be less than 24.7 m/sec.

(iv) High efficiency Electrostatic Precipitator (ESPs) shall be installed to ensure that particulate emission does not exceed 50 mg/Nm<sup>3</sup>.

(v) Space provision shall be kept for retrofitting of FGD, if required at a later date.

(vi) Low Nox burner shall be provided.

(vii) Adequate dust extraction system such as cyclones/ bag filters and water spray system in dusty areas such as In coal handling and ash handling points, transfer areas and other vulnerable dusty areas shall be provided.

(viii) Fly ash shall be collected in dry form and storage facility (silos) shall be provided. Fly ash shall be used in a phased manner as per provisions of the notification on Fly Ash Utilization issued by the Ministry in September, 1999 and its amendment. By the end of 9<sup>th</sup> year full fly ash utilization should be ensured. Unutilized fly ash shall be disposed off in the ash pond in the form of High Concentration Slurry and the bottom ash in conventional slurry mode.

(ix) Ash pond shall be lined with suitable impervious lining. Adequate safety measures shall also be implemented to protect the ash dyke from getting breached.

(x) Closed cycle cooling system with cooling towers shall be provided. COC of at least 5 shall be adopted and the effluent treated as per the prescribed norms.

(xi) The treated effluents conforming to the prescribed standards shall be re-circulated and reused within the plant. There shall be no discharge outside the plant boundary except during monsoon for storm water. Arrangements shall be made that effluents and storm water do not get mixed.

(xii) A sewage treatment plant shall be provided and the treated sewage shall be used for raising greenbelt/plantation.

(xiii) Rain water harvesting should be adopted. Central Groundwater Authority/ Board shall be consulted for finalization of appropriate rain water harvesting technology within a period of three months from the date of clearance and details shall be furnished.

(xiv) Adequate safety measures shall be provided in the plant area to check/minimize spontaneous fires in coal yard, especially during summer season. Details of these measures along with location plant layout shall be submitted to the Ministry as well as to the Regional Office of the Ministry at Chandigarh.

(xv) Storage facilities for liquid fuel such as LSHS shall be made in the plant area at a location where risk is minimum to the storage facilities. Adequate arrangement of risk management shall be made in the Disaster Management Plan for the same. Mock drills shall be conducted regularly as planned.

(xvi) Regular monitoring of ground water in and around the ash pond area shall be carried out in consultation with the Central / State Ground Water Board/Authority and records maintained. Periodic reports shall be furnished to the Regional Office of this Ministry and Central /State Ground Water Board/Authority.



- (xvii) A green belt of adequate width and density shall be developed around the plant periphery covering about 137 ha of project area preferably with local species.
- (xviii) First aid and sanitation arrangements shall be made for the drivers and other contract workers during construction phase.
- (xix) Leq of Noise levels emanating from gas and steam turbines shall be limited to 75 dBA. For people working in the high noise area, requisite personal protective equipment like earplugs/ear muffs etc. shall be provided. Workers engaged in noisy areas such as steam & gas turbines, air compressors etc shall be periodically examined to maintain audiometric record and for treatment for any hearing loss including shifting to non noisy/less noisy areas.
- (xx) Regular monitoring of ground level concentration of SO<sub>2</sub>, NO<sub>x</sub>, SPM and RSPM shall be carried out in the impact zone and records maintained. If at any stage these levels are found to exceed the prescribed limits, necessary control measures shall be provided immediately. The location of the monitoring stations and frequency of monitoring shall be decided in consultation with SPCB. Periodic reports shall be submitted to the Regional Office of this Ministry
- (xxi) The project proponent shall advertise in at least two local newspapers widely circulated in the region around the project, one of which shall be in the vernacular language of the locality concerned within seven days from the date of this clearance letter, informing that the project has been accorded environmental clearance and copies of clearance letter are available with the State Pollution Control Board/Committee and may also be seen at Website of the Ministry of Environment and Forests at <http://envfor.nic.in/>.
- (xxii) A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.
- (xxiii) Half yearly report on the status of implementation of the stipulated conditions and environmental safeguards shall be submitted to this Ministry/ Regional Office/CPCB/SPCB.
- (xxiv) Regional Office of the Ministry of Environment & Forests located at Chandigarh will monitor the implementation of the stipulated conditions. A complete set of documents including Environmental Impact Assessment Report and Environment Management Plan along with the additional information submitted from time to time shall be forwarded to the Regional Office for their use during monitoring.
- (xxv) Separate funds shall be allocated for implementation of environmental protection measures along with item-wise break-up. These cost shall be included as part of the project cost. The funds earmarked for the environment protection measures shall not be diverted for other purposes and year-wise expenditure should be reported to the Ministry.
- (xxvi) The project authorities shall inform the Regional Office as well as the Ministry regarding the date of financial closure and final approval of the project by the concerned authorities and the dates of start of land development work and commissioning of plant.

(xxvii) Full cooperation shall be extended to the Scientists/Officers from the Ministry / Regional Office of the Ministry at Chandigarh /the CPCB/the SPCB who would be monitoring the compliance of environmental status.

4. The Ministry of Environment and Forests reserves the right to revoke the clearance if conditions stipulated are not implemented to the satisfaction of the Ministry. MOEF may impose additional environmental conditions or modify the existing ones, if necessary.

5. The environmental clearance accorded shall be valid for a period of 5 years to start of production operations by the power plant.

6. In case of any deviation or alteration in the project proposed from those submitted to this Ministry for clearance, a fresh reference should be made to the Ministry to assess the adequacy of the condition(s) imposed and to add additional environmental protection measures required, if any.

7. The above stipulations would be enforced among others under the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and rules there under, Hazardous Wastes (Management and Handling) Rules, 1989 and its amendments, the Public Liability Insurance Act, 1991 and its amendments

8. Any appeal against this environmental clearance shall lie with the National Environment Appellate Authority, if preferred, within 30 days as prescribed under Section 11 of the National Environment Appellate Act, 1997.

DIRECTOR

(Dr. S.K. Aggarwal)

**Copy to:-**

1. The Secretary, Ministry of Power, Shram Shakti Bhawan, Rafi Marg, New Delhi - 110001.
2. The Secretary (Environment), Deptt. of Environment, Haryana Civil Secretariat, Government of Haryana, Chandigarh.
3. The Chairman, Central Electricity Authority, Sewa Bhawan, R.K. Puram, New Delhi-110066.
4. The Chairman, Haryana State Pollution Control Board, C-11, Sector-6, Panchkula, Haryana - with a request to display a copy of the clearance letter at the Regional Office, District Industries Centre and Collector's office for 30 days.
5. The Chairman, Central Pollution Control Board, Parivesh Bhawan, CBD-cum-Office Complex, East Arjun Nagar, Delhi-110032.

6. The Chief Conservator of Forests, Northern Regional Office, Ministry of Environment & Forests, SCO 132-133, Sector 34-A, Chandigarh-160022
7. The Director (EI), MOEF.
8. Guard file.
9. Monitoring file.

DIRECTOR

(Dr. S.K. Aggarwal)



J-13011/10/2008 - IA. II (T)  
Government of India  
Ministry of Environment & Forests

Tel no: 011- 24367257  
Paryavaran Bhavan, C.G.O. Complex,  
Lodi Road, New Delhi -110003.  
Dated: November 25, 2009.

**OFFICE ORDER**

**Sub: 2x660 MW Super Critical Coal Based Thermal Power Project at Jhajjar, Haryana.**

Sir,

The undersigned is directed to refer to your letter No. Ch-22/SE/Tech-335, dated 07.09.2009 requesting for change of name of the addressee mentioned in this Ministry's letter of even no. dated 24.04.2008 and 16.10.2008 respectively issued to M/s Haryana Power Generation Corporation Ltd.

2. The request has been examined and in partial modification of this Ministry's letters of even no. dated 24.04.2008 and 16.10.2008 respectively; it is informed that the name of the addressee mentioned in the aforesaid letters issued by this Ministry with respect to above mentioned project shall be substituted by the following:

M/s Jhajjar Power Ltd.  
Village Khanpur Kalan  
Sub-Tehsil: Matanhail  
District Jhajjar  
Haryana.

3. It is further informed that after clause no. (xxvii) under para no.3 of this Ministry's letter of even no. dated 24.04.2008, the following shall be added:

(xxviii) The project proponent shall upload the status of compliance of the environment of the environmental clearance conditions on their website and update the same periodically and simultaneously send the same by e-mail to the Regional Office, Ministry of Environment and Forests.

4. All other conditions mentioned in this Ministry's aforesaid letters of even no. 24.04.2008 and 16.10.2008 respectively shall remain the same.

Cont'd.....

This issues with the approval of the Competent Authority.

Yours faithfully,

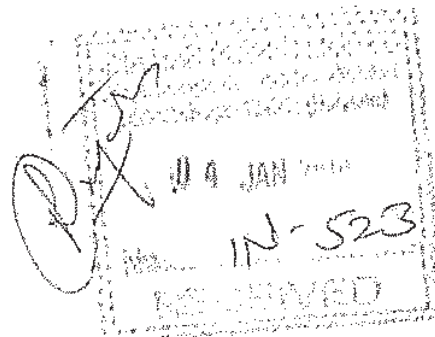
  
(W. Bharat Singh)  
Deputy Director

✓ M/s Jhajjar Power Ltd.  
Village Khanpur Kalan  
Sub-Tehsil: Matanhail  
District Jhajjar  
Haryana.

Copy to:

1. The Secretary, Department of Environment, Haryana Civil Secretariate, Govt. of Haryana, Chandigarh.
2. The Chairman, Haryana Pollution Control Board, C-11, Sector 6, Panchkula, Haryana.
3. The Chairman, Central Electricity Authority, sewa Bhawan, R.K. Puram, New Delhi - 110 0066.
4. The Chief Conservator of Forests, Ministry of Environment & Forests, Regional Office (NZ), Sector -31A, Dakshin Marg, Chandigarh - 160 030.
5. The Chief Engineer(Planning), M/s Haryana Power Generation Corpn. Ltd, Shakti Bhawan, Sector-6, Panchkula.
6. Guard File.

(W. Bharat Singh)  
Deputy Director





ANNEXURE-2 (6)



J-13011/10/2008 - IA, II (T)  
Government of India  
Ministry of Environment & Forests

Tel no: 011-24367257  
Paryavaran Bhavan, C.G.O. Complex,  
Lodi Road, New Delhi -110003.  
Dated: August 11, 2010

OFFICE ORDER

Sub: *Installation of FGD at 2X660 MW Super-Critical Coal Based TPP  
at Jhajjar, in Haryana - reg.*

Sir,

The undersigned is directed to refer to your letter dated 16.03.2010 requesting for allowing installation of Flue Gas Desulphurization (FGD).

2. The request has been examined and the Ministry welcomes the initiative taken by you. It is hereby informed that the following changes as mentioned under shall be made in this Ministry's letter of even no. dated 24.04.2008.

- (i) Clause no. (iii), under para no.3 read as "A bi-flue stack of 275 m height shall be provided with contiguous online monitoring equipment for SO<sub>2</sub>, NO<sub>x</sub> and particulate. Exit velocity of flue gases shall not be less than 24.7 m/sec", shall now be substituted by the following:

*"A bi-flue stack of 275 m height shall be provided with contiguous online monitoring equipment for SO<sub>2</sub>, NO<sub>x</sub> and PM<sub>2.5</sub> & PM<sub>10</sub>. Exit velocity of flue gases shall not be less than 22 m/sec".*

- (ii) Clause no. (v), under para no.3 read as "Space provision shall be kept for retrofitting of FGD, if required at a later stage", shall now be substituted by the following:

*"FGD having sulphur removal efficiency of not less than 85% shall be installed with each unit within three years of commissioning of the power plant".*

3. After clause no. xxvii, under para no.3, the following clauses shall be inserted.

(xxviii) The project proponent shall upload the status of compliance of the conditions stipulated in the environmental clearance.

issued vide this Ministry's letter of even no. dated 03.10.2008, in its website and updated periodically and also simultaneously send the same by e-mail to the Regional Office of the Ministry of Environment and Forests.

xxix) Criteria pollutants levels including NO<sub>x</sub>, RSPM (PM<sub>10</sub> & PM<sub>2.5</sub>), SO<sub>x</sub> (from stack & ambient air) shall be regularly monitored and results displayed in your website and also at the main gate of the power plant.

4. All other conditions mentioned in this Ministry's letter of even no. dated 24.04.2008. (and its amendments) shall remain the same.

This issues with the approval of the Competent Authority.

Yours faithfully,

(W. Bharat Singh)  
Deputy Director

M/s Jhajjar Power Ltd.  
Village Khampur Kalan  
Sub-Tehsil: Matanhalli  
Distt. Jhajjar  
Haryana - 124 142.

Copy to:

1. The Secretary, Ministry of Power, Shram Shakti Bhawan, Rafi Marg, New Delhi - 110 001.
2. The Chairman, Haryana Pollution Control Board, C-11, Sector-6, Panchkula.
3. The Chief Conservator of Forests (C), Regional Office (NZ), Ministry of Environment & Forests, Sector -31A, Dakshin Marg, Chandigarh - 160 030.
4. Guard File.

11/8/10  
(W. Bharat Singh)  
Deputy Director

Annexure -III

Compliance Report against EC Conditions

**Reference:** Environmental Clearance ("EC") No. : No. J-13011/10/2008-IA.II (T) dated 24 Apr 2008 and its amendment on 11 August 2010.

**Response:** JPL's responses against each point of the EC are provided below in italics.

**(Note:** EC was originally granted in the name of M/s Haryana Power Generation Corporation Ltd. ("HPGCL") and same transferred in the name of M/s Jhajjar Power Limited (JPL) post award of the project under case-2 bidding by office order on 25-Nov-2009).

**Sub: 1,320 MW (2x660 MW) Coal based Thermal Power Project at Jhajjar, Haryana by M/s Haryana Power Generation Company Ltd Environmental Clearance regarding.**

1. The undersigned is directed to refer to your communication no. Ch-30/ CE/ PPM/ SE/ Tech-320/L-3 dated 30.01.2008 regarding the subject mentioned above.

**Response: Noted**

2. It is noted that the proposal is for grant of environmental clearance for setting up of a 1320 MW coal based thermal power project at Jhajjar, Haryana. The coordinates of the project site are latitude 28° 29' 11" N and longitude 76° 21' 07" E. The land requirement for the project is 1221 acres (494.1 ha), which includes 137 ha for greenbelt. The water requirement is estimated as 5,000 m<sup>3</sup>/hr, which will be obtained from Jawaharlal Nehru Canal of Western Yamuna Canal. The coal requirement is estimated as 6.76 million TPA at 90% PLF. Coal linkage has been obtained. No ecologically sensitive area is reported within 15 Km radius of the plant boundary. Bhindawas Wildlife Sanctuary is reported to be at a distance of 17 km. Public hearing was held on 29.10.2007. Total cost of the project is Rs. 5300.00 crores which includes Rs. 318.00 crores for environmental protection measures.

**Response: Complied. The project has been set up in compliance with these conditions.**

3. The proposal has been considered and Ministry of Environment & Forests hereby accords environmental clearance to the said project under the provisions of Environment Impact Assessment Notification, 2006 subject to implementation of the following terms and conditions:-

- (i) The total land requirement for the project shall be restricted to 1221 acres.

**Response: Haryana Govt. acquired 1,227 acres of land and handed over to the project proponent, Mahatma Gandhi Thermal Power Plant (Jhajjar Power Limited).**

- (ii) Sulphur and ash contents in the coal to be used in the project shall not exceed 0.35% and 34% respectively.

**Response: Complied. The overall Sulphur content of the coal burnt at MGTPP is maintained within 0.35%. MGTPP has taken all efforts to limit ash content of the coal used to be less than 34% and achieved the stipulated limit. Owing to domestic coal**

having higher ash content is being supplied from Govt. coal companies, ash content has exceeded the limits. Nonetheless, MGTPP has controlled SPM emissions within limits and ash utilization as per stipulated targets to take care of any environmental impacts. Constant efforts are being made to pursue coal companies to contain ash content of coal dispatched to us within the stipulated limit. Actual figures of ash content have been communicated to HSPCB on quarterly basis (Refer Annexure IV).

- (iii) A bi-flue stack of 275 m height shall be provided with continuous online monitoring equipment for SO<sub>2</sub>, NO<sub>x</sub> and Particulate. Exit velocity of flue gases shall not be less than 24.7 m/sec.

Response: Complied. The clause (iii) under Para 3 shall be substituted by MoEF by office order on dated 11 Aug 2010.

As per plant design two boilers share one twin flue chimney of height 275 m. Continuous emission monitoring systems have been installed and all parameters mentioned are being monitored (SO<sub>2</sub>, NO<sub>x</sub> and Particulate Matter) and the respective online data is being sent to CPCB and HSPCB server. Flue gas exit velocity conditions as applicable for operation with and without FGD have been complied.

- (iv) High efficiency Electrostatic Precipitator (ESPs) shall be installed to ensure that particulate emission does not exceed 50 mg/Nm<sup>3</sup>.

Response: Complied. A combination of ESPs and Bag Filters has been installed to meet the requirement of less than 50 mg/Nm<sup>3</sup> limit for particulate emission. FGD is in operation to prevent SO<sub>2</sub> emission which further reduces dust emission from flue gas.

- (v) Space provision shall be kept for retrofitting of FGD, if required at a later date.

Response: Complied. The clause (v) under para 3 substituted by MoEF by office order on dated 11 Aug 2010. FGD has already been installed. At JPL, Flue Gas Desulphurization (FGD) is installed to control the Sulphur Di-oxide emission to atmosphere. New environment norms pertaining to SO<sub>2</sub> has come into effect for JPL from 31<sup>st</sup> Jan. 2019 onwards. In view of this, there is continuous operation of FGD since 1<sup>st</sup> Feb 2019 onwards to meet the SO<sub>2</sub> compliance limit of 200 mg/ Nm<sup>3</sup>. JPL is the only plant in NCR region which has FGD in continuous operation and successfully compliant to emission norms of SO<sub>2</sub>.

- (vi) Low NO<sub>x</sub> burner shall be provided.

Response: Complied. Low NO<sub>x</sub> burner and Separated Over-Fire Air (SOFA) system has been installed to control NO<sub>x</sub> from the flue gas emission. A third party M/s Fortum was engaged for combustion optimization study and their recommended measures have helped to further reduce NO<sub>x</sub>. Presently, JPL is complying with the new NO<sub>x</sub> emission limit of 450 mg/Nm<sup>3</sup>.

- (vii) Adequate dust extraction system such as cyclones/ bag filters and water spray system in dusty areas such as in coal handling and ash handling points, transfer areas and other vulnerable dusty areas shall be provided.

Response: Complied. Dry Fogging and Water spray systems for dust suppression system in coal handling areas such as conveyors, wagon tipplers, stacker-reclaimer etc have been installed. Dust extraction system in bunkers and pre-wetting system of wagon tippler have been installed to prevent fugitive dust generation. Also, sprinkling line have

been laid all around coal yard for dust suppression. A combination of ESPs and bag filters has been installed for efficient dust extraction. In ash handling area. Also, mobile water tankers and sprinklers have been deployed for fugitive dust suppression purpose. HDPE Pipeline of 1800 m with Sprinkler arrangement has been laid in and around the ash disposal site for dust suppression.

- (viii) Fly ash shall be collected in dry form and storage facility (silos) shall be provided. Fly ash shall be used in a phased manner as per provisions of the notification on Fly Ash Utilization issued by the Ministry in September, 1999 and its amendment. By the end of 9<sup>th</sup> year full fly ash utilization should be ensured. Unutilized fly ash shall be disposed off in the ash pond in the form of High Concentration Slurry and the bottom ash in conventional slurry mode.

Response: Complied.

Ash Silos have been provided to store & dispense dry ash. Ash utilization has been ensured. Unutilized ash in conditioned form is disposed-off in ash disposal site. The ash utilization is regularly reported to CPCB and HSPCB. JPL has achieved 100% Fly Ash Utilization in FY 2021-22

There are operational contracts with cement companies, brick manufacturer and RMC units, for the utilization of dry fly ash. The fly ash is being evacuated directly from the ash silo. There are also agreements with road and other construction companies, for the offtake of ash on regular basis.

Fly ash from the ash silos, is transported through enclosed bulkers. Further, dust extraction systems are operated during loading, to arrest fugitive ash emissions. Prior to exiting the plant premises, all bulkers carrying ash, are cleaned thoroughly at designated cleaning areas. This ensures that remnants of ash, on the exterior walls of the bulkers, are washed away. Ash from the ash disposal site, which is lifted through trailers and dumpers (Hywa), are covered by tarpaulin.

JPL has undertaken various measures, to ensure scientific storage of the ash, within the Ash Disposal Site like HDPE lining, ground water monitoring, ash compaction, regular sprinkling, phase wise grassing, tree plantation to develop natural barrier to prevent ash emission.

- (ix) Ash pond shall be lined with suitable impervious lining. Adequate safety measures shall also be implemented to protect the ash dyke from getting breached.

Response: Complied. Ash generated at our plant is in dried form and not in slurry form. It is stored in scientific manner in Ash Dyke(disposal site). HDPE lining has been provided for the ash dyke (disposal site). Adequate bund arrangement has been provided around the ash disposal site to prevent any breaching of ash.

- (x) Closed cycle cooling system with cooling towers shall be provided. COC of at least 5 shall be adopted and the effluent treated as per the prescribed norms.

Response: Complied. This has been incorporated in the plant design and is being ensured during plant operations for water conservation. During unit operation average COC maintained during last six months was above 6. JPL has taken various initiatives through use of advanced chemicals to achieve higher COC.

- (xi) The treated effluents conforming to the prescribed standards shall be re-circulated and reused within the plant. There shall be no discharge outside the plant boundary except



during monsoon for storm water. Arrangements shall be made that effluents and storm water do not get mixed.

Response: Complied. The plant is designed & being operated for zero discharge of effluent; hence there is no discharge of effluent outside the plant boundary. Provision has been made for separating the storm water from effluents. An ETP of capacity (100 m<sup>3</sup>/hr) has been constructed & operated for treatment of plant effluents. Treated effluent is being reused within the plant premises for, dust suppression, horticulture etc.

- (xii) A sewage treatment plant shall be provided, and the treated sewage shall be used for raising greenbelt/plantation.

Response: Complied. Two Sewage Treatment Plants, one in township (200 m<sup>3</sup>/day) and one in plant (240 m<sup>3</sup>/day) are in operation for treating the sewage generated from township and plant respectively. Treated effluent from sewage treatment plants is being suitably reused for horticulture purpose, dust suppression etc.

- (xiii) Rainwater harvesting should be adopted. Central Groundwater Authority/ Board shall be consulted for finalization of appropriate rainwater harvesting technology within a period of three months from the date of clearance and details shall be furnished.

Response: Complied. In order to implement suitable rainwater harvesting system, 3 Nos. of recharge well structures have been constructed at JPL site connecting to drains whereby rainwater gets collected. These recharges well structures utilize the harvested rain water and recharge ground water.

- (xiv) Adequate safety measures shall be provided in the plant area to check/minimize spontaneous fires in coal yard, especially during summer season. Details of these measures along with location plant layout shall be submitted to the Ministry as well as to the Regional Office of the Ministry at Chandigarh.

Response: Complied. Safety measures have been incorporated for the coal yard. Coal yard spray for dust suppression and water hydrant system for firefighting purpose have been provided.

- (xv) Storage facilities for liquid fuel such as LSHS shall be made in the plant area at a location where risk is minimum to the storage facilities. Adequate arrangement of risk management shall be made in the Disaster Management Plan for the same. Mock drills shall be conducted regularly as planned.

Response: Complied. The plant is using HSD for auxiliary firing. The risk assessment and mitigation measures have been included in the site Emergency Plan and mock drills are periodically conducted.

- (xvi) Regular monitoring of ground water in and around the ash pond area shall be carried out in consultation with the Central / State Ground Water Board/Authority and records maintained. Periodic reports shall be furnished to the Regional Office of this Ministry and Central /State Ground Water Board/Authority.

Response: Complied. Regular monitoring of groundwater in and around the plant is being conducted. Piezometers and Observation Wells have been installed for regular monitoring of ground water in and around the ash disposal site. Monitoring reports are submitted to HSPCB periodically (Refer Annexure IV).

- (xvii) A green belt of adequate width and density shall be developed around the plant periphery covering about 137 ha of project area preferably with local species.

Response: Complied. Greenbelt of adequate width & density has been developed and native species have been planted for better survival. In this respect, a third party surveyor was engaged to carry out survey in our plant to estimate the area covered under green belt. As per the Green belt survey done in March'2016, 149.73 ha (14, 97,333 sq. m) area has been developed under green belt zone. Effort to augment the green cover further is ongoing.

- (xviii) First aid and sanitation arrangements shall be made for the drivers and other contract workers during construction phase.

Response: Complied. Due first aid and sanitation arrangements had been arranged for all the drivers & contract workers at the site during the construction phase.

- (xix) Leq. of Noise levels emanating from gas and steam turbines shall be limited to 75 dBA. For people working in the high noise area, requisite personal protective equipment like earplugs/ear muffs etc. shall be provided. Workers engaged in noisy areas such as steam & gas turbines, air compressors etc. shall be periodically examined to maintain audiometric record and for treatment for any hearing loss including shifting to non-noisy/less noisy areas.

Response: Complied. The limit of 75dBA noise level from steam turbine operation of the plant applies to the noise at the boundary of the plant as per National Ambient Air Quality Standards (NAAQS). Taking due considerations of this requirement, cladding and acoustic enclosures has been incorporated in plant designs for the steam turbine units & other plant & equipment such as compressors etc. Suitable hearing protection devices (earplugs/ ear muffs) for workers working in high noise areas have been provided. Annual audiometric examination is carried out for employees and six monthly for the contract staff. Suitable corrective actions in case anybody is found to be affected, such as rotation of manpower. The noise levels at the boundary are within the stipulated limits. There are background noises from the nearby industries which also adds in the surrounding ambient noise. We are in compliance to the Noise Pollution Regulation and Control (Amendment) Rules, 2010. Third party sampling reports are regularly submitted to HSPCB on quarterly basis. Please refer Annexure -IV.

- (xx) Regular monitoring of ground level concentration of SO<sub>2</sub>, NO<sub>x</sub>, SPM and RSPM shall be carried out in the impact zone and records maintained. If at any stage these levels are found to exceed the prescribed limits, necessary control measures shall be provided immediately. The location of the monitoring stations and frequency of monitoring shall be decided in consultation with SPCB. Periodic reports shall be submitted to the Regional Office of this Ministry

Response: Complied. As per the directions of the HSPCB, regular monitoring of the ground level concentrations of SO<sub>2</sub>, NO<sub>x</sub>, SPM, RSPM (PM<sub>10</sub> & PM<sub>2.5</sub>) is being carried out by engaging third party. Third party sampling reports are regularly submitted to HSPCB on quarterly basis. Please refer Annexure-IV.

- (xxi) The project proponent shall advertise in at least two local newspapers widely circulated in the region around the project, one of which shall be in the vernacular language of the locality concerned within seven days from the date of this clearance letter, informing that

the project has been accorded environmental clearance and copies of clearance letter are available with the State Pollution Control Board/Committee and may also be seen at Website of the Ministry of Environment and Forests at <http://envfor.nic.in/>.

Response: Complied. Advertisement placed in 'The Tribune' Haryana edition and 'Amar Ujala' Haryana edition on 12-Nov-2009.

- (xxii) A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.

Response: Complied. The environmental management cell is set up which includes qualified staff in addition to the management for implementation of the stipulated environmental safeguards.

- (xxiii) Half yearly report on the status of implementation of the stipulated conditions and environmental safeguards shall be submitted to this Ministry/ Regional Office/CPCB/SPCB.

Response: Complied. Six monthly reports have been submitted to all concerned authorities.

- (xxiv) Regional Office of the Ministry of Environment & Forests located at Chandigarh will monitor the implementation of the stipulated conditions. A complete set of documents including Environmental Impact Assessment Report and Environment Management Plan along with the additional information submitted from time to time shall be forwarded to the Regional Office for their use during monitoring.

Response: Complied. The mentioned documents have been duly submitted to the Regional Office of MoEF at Chandigarh

- (xxv) Separate funds shall be allocated for implementation of environmental protection measures along with item-wise break-up. These costs shall be included as part of the project cost. The funds earmarked for the environment protection measures shall not be diverted for other purposes and year-wise expenditure should be reported to the Ministry.

Response: Environmental Impact Assessment report agrees to provide INR 308 Crores as initial estimate for environmental protection measures. The detailed list of proposed estimate as below was being communicated to ministry vide our letter no.JHA/MOEF/PM/BB/959 dt. 17/11/2010. Actions were taken to include these activities under EPC contract for the project and these have been duly installed/ implemented.

Estimated expenditure as per the EIA report

| Pollution Control Facilities                                                                           | Cost                  |
|--------------------------------------------------------------------------------------------------------|-----------------------|
| Cost of Air Pollution Control Systems (electrostatic precipitator, dust suppression & dust Extraction) | INR 150 Crores        |
| Cost of Water Pollution Control (ETP)                                                                  | INR 30 Crores         |
| Cost of Solid Waste Management System (ash handling-civil & mechanical, ash dykes)                     | INR 100 Crores        |
| Green belt development                                                                                 | INR 6 Crores          |
| Environmental monitoring Facilities                                                                    | INR 22 Crores         |
| <b>TOTAL</b>                                                                                           | <b>INR 308 Crores</b> |

Actual Expenditure incurred in providing the equipment listed above at site and year-wise breakup is as below

| Year Wise Break Up of Pollution Control Equipment |                                    |                                                                                                                                                                                                                               |
|---------------------------------------------------|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Year                                              | Cost (INR)                         | Major Pollution Control Facilities                                                                                                                                                                                            |
| FY 11-12                                          | 292,25,82,087                      | Ash Handling Facility, ETP, Ash Dyke, ESP                                                                                                                                                                                     |
| FY 12-13                                          | 71,58,73,727                       | Environment Monitoring Facilities, ESP                                                                                                                                                                                        |
| FY 13-14                                          | 299,79,91,932                      | STP, Ash Handling System, FGD                                                                                                                                                                                                 |
| FY 14-15                                          | 7,18,00,869                        | Environment monitoring facilities, Fabric Filter                                                                                                                                                                              |
| FY 15-16                                          | 9,07,01,800                        | Fabric filter, Dust Suppressor, Dust Extractor                                                                                                                                                                                |
| FY 16-17                                          | 95,29,060                          | Piezometer & Observation well installation, Rainwater Harvesting, Environmental Monitoring, Hazardous Waste Disposal, Transition to ISO 14001 2015 Environment Management, Training and Awareness                             |
| FY 17-18                                          | 57,39,54,639                       | FGD Reliability Improvement actions taken up in 2017-18 and planned in 2018, NOx reduction measures, Environmental Monitoring, Hazardous Waste Disposal,                                                                      |
| FY 18-19                                          | 51,24,10,973                       | Replacement of Fabric Filters, Dust suppression measures, Tree plantation, Environment Monitoring expenses, FGD CAPEX and OPEX for reliability improvement, Ash dyke management and Ash disposal, NOx reduction measures.     |
| FY 19-20                                          | 53,37,78,938                       | FGD CAPEX and OPEX for reliability improvement, Ash dyke management and Ash disposal, NOx and SPM Reduction measures. Dust suppression measures, Horticulture Waste Management, Wastewater treatment, Environment Monitoring  |
| FY 20-21                                          | 45,51,85,312                       | FGD – CAPEX and OPEX, Ash dyke management and Ash disposal, Dust suppression measures, Horticulture, SPM Reduction, Waste Management, Wastewater treatment, Environment Monitoring, ESP and FF Operation and Maintenance cost |
| FY 21-22                                          | 40,16,70,586                       | FGD – CAPEX and OPEX                                                                                                                                                                                                          |
|                                                   | 2,50,98,351                        | Ash dyke management and Ash disposal, Dust suppression measures, Horticulture                                                                                                                                                 |
|                                                   | 23,86,54,098                       | SPM Reduction, Waste Management, Wastewater treatment, Environment Monitoring, ESP and FF Operation and Maintenance cost                                                                                                      |
| Total Cost (INR)                                  | 9,54,92,32,372 (INR 954.92 Crores) |                                                                                                                                                                                                                               |

| Year Wise Break Up of Horticulture Expenditure |           |
|------------------------------------------------|-----------|
| Year                                           | Cost(INR) |
| FY 2009-2010                                   | 2,45,426  |

|              |                     |
|--------------|---------------------|
| FY 2010-2011 | 4,05,661            |
| FY 2011-2012 | 4,09,720            |
| FY 2012-2013 | 2,26,00,379         |
| FY 2013-2014 | 1,67,56,637         |
| FY 2014-2015 | 1,43,71,391         |
| FY 2015-2016 | 44,42,996           |
| FY 2016-2017 | 19,38,000           |
| FY 2017-2018 | 1,05,30,000         |
| FY 2018-2019 | 1,10,45,000         |
| FY 2019-2020 | 1,26,00,000         |
| FY 2020-2021 | 1,38,00,000         |
| FY 2021-2022 | 1,39,50,000         |
| <b>Total</b> | <b>12,30,95,210</b> |

By taking the above actions this condition has been fully complied.

- (xxvi) The project authorities shall inform the Regional Office as well as the Ministry regarding the date of financial closure and final approval of the project by the concerned authorities and the dates of start of land development work and commissioning of plant.

Response: Complied.

- Date of start of land development: Oct 2008

- Financial Closure: 17<sup>th</sup> September 2009

- Date of Commissioning of the plant:

Unit 1 has been commissioned on 29<sup>th</sup> March'2012.

Unit 2 has been commissioned on 19<sup>th</sup> July'2012.

- (xxvii) Full cooperation shall be extended to the Scientists/Officers from the Ministry / Regional Office of the Ministry at Chandigarh / the CPCB / the SPCB who would be monitoring the compliance of environmental status.

Response: Complied. Always full cooperation has been extended to all mentioned authorities for monitoring of the project and shall be maintained in future.

- (xxvii) The project proponent shall upload the status of compliance of the environment of the environmental clearance conditions on their website and update the same periodically and simultaneously send the same by e-mail to the Regional Office, Ministry of Environment and Forests.

Response: Complied. The status of compliance is being uploaded at regular interval on the company website <https://stg.apraava.com/investor-and-compliance> and the same is being sent through email to the Regional Office, MoEF.

- (xxviii) The project proponent shall upload status of compliances of condition stipulated in the environment clearance issued vide this ministry's letters of even no. dated 03.10.2008, in its web site and updated periodically and also simultaneously send the same by email to the Regional office of the Ministry of Environment and Forests.

Response: Complied. Kindly refer to the Clause (xxviii) inserted after clause (xxvii) under para no. 3 by MoEF on dated 11Aug 2010.



- (xxix) Criteria pollutants levels including NO<sub>x</sub>, RSPM (PM<sub>10</sub> & PM<sub>2.5</sub>), SO<sub>x</sub> (from stack & ambient air) shall be regularly monitored and result displayed in your website and also at the main gate of the power plant.

Response: Complied. Kindly refer to the clause (xxix) inserted after clause (xxvii) under para no. 3 by MoEF on dated 11Aug 2010.

The status of Criteria pollutants levels including NO<sub>x</sub>, RSPM (PM<sub>10</sub> & PM<sub>2.5</sub>), SO<sub>x</sub> (from stack & ambient air) is regularly monitored through real-time monitoring system and certified third party. Third party sampling reports are regularly submitted to HSPCB on quarterly basis. Please refer Annexure-IV.

Online Continuous emission monitoring system with remote calibration facility has been installed replacing previous OCEMs for real time emission data transfer of stack emissions to CPCB.

The criteria pollutants are regularly mentioned in annual sustainability reports which is being regularly uploaded on the company's website at <https://stg.apraava.com> Also, the monitored results are constantly displayed at the main gate of the power plant.

4. The Ministry of Environment and Forests reserves the right to revoke the clearance if conditions stipulated are not implemented to the satisfaction of the Ministry. MOEF may impose additional environmental conditions or modify the existing ones, if necessary.

Response: Noted.

5. The environmental clearance accorded shall be valid for a period of 5 years to start of production operations by the power plant.

Response: Noted.

6. In case of any deviation or alteration in the project proposed from those submitted to this Ministry for clearance, a fresh reference should be made to the Ministry to assess the adequacy of the condition(s) imposed and to add additional environmental protection measures required, if any.

Response: Noted.

7. The above stipulations would be enforced among others under the Water (Prevention and Control of Pollution) Act, 1974, the Air (Prevention and Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and rules there under, Hazardous Wastes (Management and Handling) Rules, 1989 and its amendments, the Public Liability Insurance Act, 1991 and its amendments

Response: Noted.

8. Any appeal against this environmental clearance shall lie with the National Environment Appellate Authority, if preferred, within 30 days as prescribed under Section 11 of the National Environment Appellate Act, 1997.

Response: Noted.

\*\*\*\*\*



Our Ref : JPL/HSPCB/ENV/011957  
Date : April 13, 2022

**The Regional Officer**  
**Haryana State Pollution Control Board**  
Regional Office, SCF No. 42 & 43, Shopping Centre,  
Sector-6, Huda, Bahadurgarh  
Tele Fax: 01276-267077  
E-mail: [hspcbrobdh@gmail.com](mailto:hspcbrobdh@gmail.com)

**Subject: Submission of Quarterly monitoring reports of MGTPP, Jhajjar Power Limited.**

Ref: 1. Environmental Clearance No.: J-13011/10/2008-IA.II(T) dated 24.04.2008  
2. Consent to Operate Regd. No.: HSPCB/Consent/  
:28116121JHACTO12685526 Dated:22/07/2021

Dear Sir,

As per above mentioned subject, please find the enclosed quarterly monitoring reports for submission.

Monitoring Reports of Air, Water& Noise of Jan 2022- **Annexure I**  
Monitoring Reports of Air, Water& Noise of Feb 2022 - **Annexure II**  
Monitoring Reports of Air, Water& Noise of Mar 2022 - **Annexure III**  
Quarterly Average Ash content in coal is provided in **Annexure IV**

We hope that JPL would continue to receive your cooperation in this regard to fulfill our commitment towards compliance of all the relevant environmental norms in the future.

Thanking you.

Yours faithfully,  
For **Jhajjar Power Limited**

A handwritten signature in blue ink, appearing to read 'Bhaskar Bhattacharjee'.

**Bhaskar Bhattacharjee**  
**Sr. Vice President – (O&M)**

**Enclosure:** Annexure I, Annexure II, Annexure III and Annexure IV

**Copy to:** Member Secretary, Haryana State Pollution Control Board, C-11, Sector-6, Panchkula, Haryana.

**Jhajjar Power Limited** (An Apraava Energy Company)

**Corporate Office:**  
7<sup>th</sup> Floor, Fulcrum, Sahar Road,  
Andheri (East), Mumbai 400 099  
T: +91 22 6758 8888  
F: +91 22 6758 8811/8833

**Registered Office:**  
Unit No. T-15 B, Salcon Ras Vilas, 3<sup>rd</sup> Floor,  
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**Plant:**  
Village Khanpur, Tehsil Matenhail,  
District Jhajjar, Haryana 124 142  
T: +91 1251 270100  
F: +91 1251 270105

### Test Report

Document QF : 2501

Page 1 of 2

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2201100518<br><b>Sample Reg. Date</b> :10-01-2022<br><b>Report Date</b> :20-01-2022<br><b>Report No.</b> :ICE-2201201318<br><b>NABL ULR No.</b> :TC592622000001037F<br><b>Customer Ref. No.:</b> Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                   |                       |
|-----------------------------------|-----------------------|
| <b>Test Report as per :</b>       | : NAAQS 2009          |
| <b>General Information :</b>      |                       |
| Location of Sampling Point        | : Village- Khanpur    |
| Date of Monitoring                | : 03-01-2022          |
| Time of Monitoring                | : 10:30 hrs           |
| Purpose of Monitoring             | : For Self Monitoring |
| Duration of Monitoring,minutes    | : 1440                |
| Avg. Flow Rate of Sampling,m3/min | : 1.33                |
| Volume of air sampled,m3          | : 1949.86             |
| Avg. Ambient Temperature,°C       | : 12                  |

| <b>Description</b> |                                                           |                                |               |              |
|--------------------|-----------------------------------------------------------|--------------------------------|---------------|--------------|
| Description        |                                                           | Ambient Air Quality Monitoring |               |              |
| S.No.              | Parameters                                                | Method                         | Specification | Result       |
|                    | <b>Discipline : Chemical</b>                              |                                |               |              |
|                    | <b>Group : Atmospheric Pollution</b>                      |                                |               |              |
| 1.                 | <b>Ambient Air Quality Parameters</b>                     |                                |               |              |
| a.                 | Sulphur Dioxide(SO <sub>2</sub> ),µg/m <sup>3</sup>       | IS:5182(P-2)                   | 80 Max        | 9.98         |
| b.                 | Nitrogen Dioxide(NO <sub>2</sub> ),µg/m <sup>3</sup>      | IS:5182(P-6)                   | 80 Max        | 31.06        |
| c.                 | Particulate Matter (PM <sub>10</sub> ),µg/m <sup>3</sup>  | IS:5182(P-23)                  | 100 Max       | 127.24       |
| d.                 | Particulate matter (PM <sub>2.5</sub> ),µg/m <sup>3</sup> | STP/ITC/EW-01                  | 60 Max        | 59.34        |
| e.                 | Ozone(O <sub>3</sub> ),µg/m <sup>3</sup>                  | IS:5182(P-9)                   | 180 Max       | BLQ(LOQ: 14) |

Saurabh Sharma  
20-01-2022  
Reviewer

20-01-2022  
PremKumar  
[Authorized Signatory]

### Interstellar Testing Centre Pvt. Ltd.

86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
Panchkula-134109 (Haryana)  
Phone : (O) 0172-2561543, 2565825  
Email : customersupport@itclabs.com  
Visit us :www.itclabs.com

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## Test Report

Document QF : 2501

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2201100518<br><b>Sample Reg. Date</b> :10-01-2022<br><b>Report Date</b> :20-01-2022<br><b>Report No.</b> :ICE-2201201318<br><b>NABL ULR No.</b> :TC592622000001037F<br><b>Customer Ref. No.:</b> Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

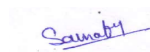
|    |                                                |                                                   |         |               |
|----|------------------------------------------------|---------------------------------------------------|---------|---------------|
| f. | Lead(As Pb),µg/m3                              | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max | BLQ(LOQ:0.1)  |
| g. | Carbon Monoxide(CO),mg/m3                      | IS:5182(P-10)                                     | 4 Max   | 1.3           |
| h. | Ammonia(NH3),µg/m3                             | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | BLQ(LOQ: 5.0) |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m3 | IS 5182 (Part 11)                                 | 5 Max   | BLQ (LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m3  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m3                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m3                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per NAAQS 2009.  
Sampling Procedure: SOP/ITC/EW/056

**REMARKS :**N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
20-01-2022  
Reviewer

  
20-01-2022  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
Panchkula-134109 (Haryana)  
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## Test Report

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2201100519<br><b>Sample Reg. Date</b> :10-01-2022<br><b>Report Date</b> :20-01-2022<br><b>Report No.</b> :ICE-2201201319<br><b>NABL ULR No.</b> :TC592622000001039F<br><b>Customer Ref. No.:</b> Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                   |                       |
|-----------------------------------|-----------------------|
| <b>Test Report as per :</b>       | : NAAQS 2009          |
| <b>General Information :</b>      |                       |
| Location of Sampling Point        | : Near Shakti Vihar   |
| Date of Monitoring                | : 03-01-2022          |
| Time of Monitoring                | : 11:20 hrs           |
| Purpose of Monitoring             | : For Self Monitoring |
| Duration of Monitoring,minutes    | : 1440                |
| Avg. Flow Rate of Sampling,m3/min | : 1.33                |
| Volume of air sampled,m3          | : 1943.04             |
| Avg. Ambient Temperature,°C       | : 13                  |

| Description |                                               |                                |               |              |
|-------------|-----------------------------------------------|--------------------------------|---------------|--------------|
| Description |                                               | Ambient Air Quality Monitoring |               |              |
|             |                                               |                                |               |              |
| S.No.       | Parameters                                    | Method                         | Specification | Result       |
|             | Discipline : Chemical                         |                                |               |              |
|             | Group : Atmospheric Pollution                 |                                |               |              |
| 1.          | Ambient Air Quality Parameters                |                                |               |              |
| a.          | Sulphur Dioxide(SO2),µg/m3                    | IS:5182(P-2)                   | 80 Max        | 8.24         |
| b.          | Nitrogen Dioxide(NO2),µg/m3                   | IS:5182(P-6)                   | 80 Max        | 16.03        |
| c.          | Particulate Matter (PM <sub>10</sub> ),µg/m3  | IS:5182(P-23)                  | 100 Max       | 88.26        |
| d.          | Particulate matter (PM <sub>2.5</sub> ),µg/m3 | STP/ITC/EW-01                  | 60 Max        | 46.30        |
| e.          | Ozone(O <sub>3</sub> ),µg/m3                  | IS:5182(P-9)                   | 180 Max       | BLQ(LOQ: 14) |

*Saurabh Sharma*  
Saurabh Sharma  
20-01-2022  
Reviewer

*PremKumar*  
20-01-2022  
PremKumar  
[Authorized Signatory]

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## Test Report

Document QF : 2501

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2201100519<br><b>Sample Reg. Date</b> :10-01-2022<br><b>Report Date</b> :20-01-2022<br><b>Report No.</b> :ICE-2201201319<br><b>NABL ULR No.</b> :TC592622000001039F<br><b>Customer Ref. No.:</b> Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

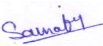
|    |                                                |                                                   |         |               |
|----|------------------------------------------------|---------------------------------------------------|---------|---------------|
| f. | Lead(As Pb),µg/m3                              | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max | BLQ(LOQ:0.1)  |
| g. | Carbon Monoxide(CO),mg/m3                      | IS:5182(P-10)                                     | 4 Max   | BLQ (LOQ:1.0) |
| h. | Ammonia(NH3),µg/m3                             | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | BLQ(LOQ: 5.0) |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m3 | IS 5182 (Part 11)                                 | 5 Max   | BLQ (LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m3  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m3                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m3                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per NAAQS 2009.  
Sampling Procedure: SOP/ITC/EW/056

**REMARKS :**N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
20-01-2022  
Reviewer

  
20-01-2022  
PremKumar  
[Authorized Signatory]

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## Test Report

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|                                                     |                                               |
|-----------------------------------------------------|-----------------------------------------------|
| <b>Issued To</b>                                    | <b>Sample Reg. No.</b> :E01-2201100517        |
| Jhajjar Power Limited                               | <b>Sample Reg. Date</b> :10-01-2022           |
| Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar | <b>Report Date</b> :20-01-2022                |
| Jhajjar                                             | <b>Report No.</b> :ICE-2201201317             |
|                                                     | <b>NABL ULR No.</b> :TC592622000001036F       |
|                                                     | <b>Customer Ref. No.:</b> Order No.5030010814 |
|                                                     | <b>Letter Dated</b> :29.10.2020               |

|                                   |                       |
|-----------------------------------|-----------------------|
| <b>Test Report as per :</b>       | : NAAQS 2009          |
| <b>General Information :</b>      |                       |
| Location of Sampling Point        | : Near Gate No.3      |
| Date of Monitoring                | : 03-01-2022          |
| Time of Monitoring                | : 10:50 hrs           |
| Purpose of Monitoring             | : For Self Monitoring |
| Duration of Monitoring,minutes    | : 1440                |
| Avg. Flow Rate of Sampling,m3/min | : 1.33                |
| Volume of air sampled,m3          | : 1949.86             |
| Avg. Ambient Temperature,°C       | : 12                  |

|                    |                                                           |                                |                      |               |
|--------------------|-----------------------------------------------------------|--------------------------------|----------------------|---------------|
| <b>Description</b> |                                                           |                                |                      |               |
| Description        |                                                           | Ambient Air Quality Monitoring |                      |               |
| <b>S.No.</b>       | <b>Parameters</b>                                         | <b>Method</b>                  | <b>Specification</b> | <b>Result</b> |
|                    | <b>Discipline : Chemical</b>                              |                                |                      |               |
|                    | <b>Group : Atmospheric Pollution</b>                      |                                |                      |               |
| <b>1.</b>          | <b>Ambient Air Quality Parameters</b>                     |                                |                      |               |
| a.                 | Sulphur Dioxide(SO <sub>2</sub> ),µg/m <sup>3</sup>       | IS:5182(P-2)                   | 80 Max               | 12.32         |
| b.                 | Nitrogen Dioxide(NO <sub>2</sub> ),µg/m <sup>3</sup>      | IS:5182(P-6)                   | 80 Max               | 28.40         |
| c.                 | Particulate Matter (PM <sub>10</sub> ),µg/m <sup>3</sup>  | IS:5182(P-23)                  | 100 Max              | 120.21        |
| d.                 | Particulate matter (PM <sub>2.5</sub> ),µg/m <sup>3</sup> | STP/ITC/EW-01                  | 60 Max               | 56.40         |
| e.                 | Ozone(O <sub>3</sub> ),µg/m <sup>3</sup>                  | IS:5182(P-9)                   | 180 Max              | BLQ(LOQ:14)   |

Saurabh Sharma  
20-01-2022  
Reviewer

20-01-2022  
PremKumar  
[Authorized Signatory]

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## Test Report

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2201100517<br><b>Sample Reg. Date</b> :10-01-2022<br><b>Report Date</b> :20-01-2022<br><b>Report No.</b> :ICE-2201201317<br><b>NABL ULR No.</b> :TC592622000001036F<br><b>Customer Ref. No.:</b> Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

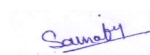
|    |                                                |                                                   |         |               |
|----|------------------------------------------------|---------------------------------------------------|---------|---------------|
| f. | Lead(As Pb),µg/m3                              | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max | BLQ(LOQ:0.1)  |
| g. | Carbon Monoxide(CO),mg/m3                      | IS:5182(P-10)                                     | 4 Max   | 1.4           |
| h. | Ammonia(NH3),µg/m3                             | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | BLQ(LOQ: 5.0) |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m3 | IS 5182 (Part 11)                                 | 5 Max   | BLQ (LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m3  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m3                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m3                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per NAAQS 2009.  
Sampling Procedure: SOP/ITC/EW/056

**REMARKS :**N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
20-01-2022  
Reviewer

  
20-01-2022  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
Panchkula-134109 (Haryana)  
Phone : (O) 0172-2561543, 2565825  
Email : customersupport@itclabs.com  
Visit us :www.itclabs.com

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## Test Report

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2201100516<br><b>Sample Reg. Date</b> :10-01-2022<br><b>Report Date</b> :20-01-2022<br><b>Report No.</b> :ICE-2201201316<br><b>NABL ULR No.</b> :TC592622000001035F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                 |                       |
|-------------------------------------------------|-----------------------|
| <b>Test Report as per :</b>                     | : NAAQS 2009          |
| <b>General Information :</b>                    |                       |
| Location of Sampling Point                      | : Near Guest House    |
| Date of Monitoring                              | : 03-01-2022          |
| Time of Monitoring                              | : 11:00 hrs           |
| Purpose of Monitoring                           | : For Self Monitoring |
| Duration of Monitoring, minutes                 | : 1440                |
| Avg. Flow Rate of Sampling, m <sup>3</sup> /min | : 1.33                |
| Volume of air sampled, m <sup>3</sup>           | : 1943.04             |
| Avg. Ambient Temperature, °C                    | : 13                  |

|                    |                                                            |                                |                      |               |
|--------------------|------------------------------------------------------------|--------------------------------|----------------------|---------------|
| <b>Description</b> |                                                            |                                |                      |               |
| Description        |                                                            | Ambient Air Quality Monitoring |                      |               |
| <b>S.No.</b>       | <b>Parameters</b>                                          | <b>Method</b>                  | <b>Specification</b> | <b>Result</b> |
|                    | <b>Discipline : Chemical</b>                               |                                |                      |               |
|                    | <b>Group : Atmospheric Pollution</b>                       |                                |                      |               |
| <b>1.</b>          | <b>Ambient Air Quality Parameters</b>                      |                                |                      |               |
| a.                 | Sulphur Dioxide(SO <sub>2</sub> ), µg/m <sup>3</sup>       | IS:5182(P-2)                   | 80 Max               | 10.01         |
| b.                 | Nitrogen Dioxide(NO <sub>2</sub> ), µg/m <sup>3</sup>      | IS:5182(P-6)                   | 80 Max               | 21.37         |
| c.                 | Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>  | IS:5182(P-23)                  | 100 Max              | 92.54         |
| d.                 | Particulate matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup> | STP/ITC/EW-01                  | 60 Max               | 50.08         |
| e.                 | Ozone(O <sub>3</sub> ), µg/m <sup>3</sup>                  | IS:5182(P-9)                   | 180 Max              | BLQ(LOQ: 14)  |

Saurabh Sharma  
20-01-2022  
Reviewer

20-01-2022  
PremKumar  
[Authorized Signatory]

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## Test Report

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2201100516<br><b>Sample Reg. Date</b> :10-01-2022<br><b>Report Date</b> :20-01-2022<br><b>Report No.</b> :ICE-2201201316<br><b>NABL ULR No.</b> :TC592622000001035F<br><b>Customer Ref. No.:</b> Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

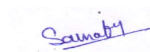
|    |                                                |                                                   |         |               |
|----|------------------------------------------------|---------------------------------------------------|---------|---------------|
| f. | Lead(As Pb),µg/m3                              | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max | BLQ(LOQ:0.1)  |
| g. | Carbon Monoxide(CO),mg/m3                      | IS:5182(P-10)                                     | 4 Max   | BLQ (LOQ:1.0) |
| h. | Ammonia(NH3),µg/m3                             | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | BLQ(LOQ: 5.0) |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m3 | IS 5182 (Part 11)                                 | 5 Max   | BLQ (LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m3  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m3                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m3                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per NAAQS 2009.  
Sampling Procedure: SOP/ITC/EW/056

**REMARKS :**N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
20-01-2022  
Reviewer

  
20-01-2022  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
Panchkula-134109 (Haryana)  
Phone : (O) 0172-2561543, 2565825  
Email : customersupport@itclabs.com  
Visit us :www.itclabs.com

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## Test Report

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|                                                     |                                               |
|-----------------------------------------------------|-----------------------------------------------|
| <b>Issued To</b>                                    | <b>Sample Reg. No.</b> :E01-2201100520        |
| Jhajjar Power Limited                               | <b>Sample Reg. Date</b> :10-01-2022           |
| Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar | <b>Report Date</b> :20-01-2022                |
| Jhajjar                                             | <b>Report No.</b> :ICE-2201201320             |
|                                                     | <b>NABL ULR No.</b> :TC592622000001040F       |
|                                                     | <b>Customer Ref. No.</b> :Order No.5030010814 |
|                                                     | <b>Letter Dated</b> :29.10.2020               |

|                                                 |                       |
|-------------------------------------------------|-----------------------|
| <b>Test Report as per :</b>                     | : NAAQS 2009          |
| <b>General Information :</b>                    |                       |
| Location of Sampling Point                      | : Near Guest House    |
| Date of Monitoring                              | : 06-01-2022          |
| Time of Monitoring                              | : 11:00 hrs           |
| Purpose of Monitoring                           | : For Self Monitoring |
| Duration of Monitoring, minutes                 | : 1440                |
| Avg. Flow Rate of Sampling, m <sup>3</sup> /min | : 1.33                |
| Volume of air sampled, m <sup>3</sup>           | : 1943.04             |
| Avg. Ambient Temperature, °C                    | : 13                  |

|                    |                                                            |                                |                      |               |
|--------------------|------------------------------------------------------------|--------------------------------|----------------------|---------------|
| <b>Description</b> |                                                            |                                |                      |               |
| Description        |                                                            | Ambient Air Quality Monitoring |                      |               |
| <b>S.No.</b>       | <b>Parameters</b>                                          | <b>Method</b>                  | <b>Specification</b> | <b>Result</b> |
|                    | <b>Discipline : Chemical</b>                               |                                |                      |               |
|                    | <b>Group : Atmospheric Pollution</b>                       |                                |                      |               |
| <b>1.</b>          | <b>Ambient Air Quality Parameters</b>                      |                                |                      |               |
| a.                 | Sulphur Dioxide(SO <sub>2</sub> ), µg/m <sup>3</sup>       | IS:5182(P-2)                   | 80 Max               | 5.30          |
| b.                 | Nitrogen Dioxide(NO <sub>2</sub> ), µg/m <sup>3</sup>      | IS:5182(P-6)                   | 80 Max               | 14.25         |
| c.                 | Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>  | IS:5182(P-23)                  | 100 Max              | 79.21         |
| d.                 | Particulate matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup> | STP/ITC/EW-01                  | 60 Max               | 37.46         |
| e.                 | Ozone(O <sub>3</sub> ), µg/m <sup>3</sup>                  | IS:5182(P-9)                   | 180 Max              | BLQ(LOQ: 14)  |

Saurabh Sharma  
20-01-2022  
Reviewer

20-01-2022  
PremKumar  
[Authorized Signatory]

### Interstellar Testing Centre Pvt. Ltd.

86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
Panchkula-134109 (Haryana)  
Phone : (O) 0172-2561543, 2565825  
Email : customersupport@itclabs.com  
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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2201100520<br><b>Sample Reg. Date</b> :10-01-2022<br><b>Report Date</b> :20-01-2022<br><b>Report No.</b> :ICE-2201201320<br><b>NABL ULR No.</b> :TC592622000001040F<br><b>Customer Ref. No.:</b> Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

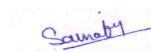
|    |                                                |                                                   |         |               |
|----|------------------------------------------------|---------------------------------------------------|---------|---------------|
| f. | Lead(As Pb),µg/m3                              | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max | BLQ(LOQ:0.1)  |
| g. | Carbon Monoxide(CO),mg/m3                      | IS:5182(P-10)                                     | 4 Max   | BLQ (LOQ:1.0) |
| h. | Ammonia(NH3),µg/m3                             | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | BLQ(LOQ: 5.0) |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m3 | IS 5182 (Part 11)                                 | 5 Max   | BLQ (LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m3  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m3                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m3                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per NAAQS 2009.  
Sampling Procedure: SOP/ITC/EW/056

**REMARKS :**N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
20-01-2022  
Reviewer

  
20-01-2022  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
Panchkula-134109 (Haryana)  
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|                                                     |                                               |
|-----------------------------------------------------|-----------------------------------------------|
| <b>Issued To</b>                                    | <b>Sample Reg. No.</b> :E01-2201100522        |
| Jhajjar Power Limited                               | <b>Sample Reg. Date</b> :10-01-2022           |
| Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar | <b>Report Date</b> :20-01-2022                |
| Jhajjar                                             | <b>Report No.</b> :ICE-2201201321             |
|                                                     | <b>NABL ULR No.</b> :TC592622000001041F       |
|                                                     | <b>Customer Ref. No.</b> :Order No.5030010814 |
|                                                     | <b>Letter Dated</b> :29.10.2020               |

|                                                 |                       |
|-------------------------------------------------|-----------------------|
| <b>Test Report as per :</b>                     | : NAAQS 2009          |
| <b>General Information :</b>                    |                       |
| Location of Sampling Point                      | : Village- Khanpur    |
| Date of Monitoring                              | : 06-01-2022          |
| Time of Monitoring                              | : 10:40 hrs           |
| Purpose of Monitoring                           | : For Self Monitoring |
| Duration of Monitoring, minutes                 | : 1440                |
| Avg. Flow Rate of Sampling, m <sup>3</sup> /min | : 1.33                |
| Volume of air sampled, m <sup>3</sup>           | : 1936.27             |
| Avg. Ambient Temperature, °C                    | : 14                  |

|                    |                                                            |                                |                      |               |
|--------------------|------------------------------------------------------------|--------------------------------|----------------------|---------------|
| <b>Description</b> |                                                            |                                |                      |               |
| Description        |                                                            | Ambient Air Quality Monitoring |                      |               |
| <b>S.No.</b>       | <b>Parameters</b>                                          | <b>Method</b>                  | <b>Specification</b> | <b>Result</b> |
|                    | <b>Discipline : Chemical</b>                               |                                |                      |               |
|                    | <b>Group : Atmospheric Pollution</b>                       |                                |                      |               |
| <b>1.</b>          | <b>Ambient Air Quality Parameters</b>                      |                                |                      |               |
| a.                 | Sulphur Dioxide(SO <sub>2</sub> ), µg/m <sup>3</sup>       | IS:5182(P-2)                   | 80 Max               | 8.27          |
| b.                 | Nitrogen Dioxide(NO <sub>2</sub> ), µg/m <sup>3</sup>      | IS:5182(P-6)                   | 80 Max               | 21.45         |
| c.                 | Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>  | IS:5182(P-23)                  | 100 Max              | 109.23        |
| d.                 | Particulate matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup> | STP/ITC/EW-01                  | 60 Max               | 52.19         |
| e.                 | Ozone(O <sub>3</sub> ), µg/m <sup>3</sup>                  | IS:5182(P-9)                   | 180 Max              | BLQ(LOQ: 14)  |

Saurabh Sharma  
20-01-2022  
Reviewer

20-01-2022  
PremKumar  
[Authorized Signatory]

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## Test Report

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2201100522<br><b>Sample Reg. Date</b> :10-01-2022<br><b>Report Date</b> :20-01-2022<br><b>Report No.</b> :ICE-2201201321<br><b>NABL ULR No.</b> :TC592622000001041F<br><b>Customer Ref. No.:</b> Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

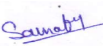
|    |                                                |                                                   |         |               |
|----|------------------------------------------------|---------------------------------------------------|---------|---------------|
| f. | Lead(As Pb),µg/m3                              | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max | BLQ(LOQ:0.1)  |
| g. | Carbon Monoxide(CO),mg/m3                      | IS:5182(P-10)                                     | 4 Max   | 1.2           |
| h. | Ammonia(NH3),µg/m3                             | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | 22.13         |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m3 | IS 5182 (Part 11)                                 | 5 Max   | BLQ (LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m3  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m3                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m3                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per NAAQS 2009.  
Sampling Procedure: SOP/ITC/EW/056

**REMARKS :**N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
20-01-2022  
Reviewer

  
20-01-2022  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
Panchkula-134109 (Haryana)  
Phone : (O) 0172-2561543, 2565825  
Email : customersupport@itclabs.com  
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## Test Report

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|                                                     |                                               |
|-----------------------------------------------------|-----------------------------------------------|
| <b>Issued To</b>                                    | <b>Sample Reg. No.</b> :E01-2201100523        |
| Jhajjar Power Limited                               | <b>Sample Reg. Date</b> :10-01-2022           |
| Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar | <b>Report Date</b> :20-01-2022                |
| Jhajjar                                             | <b>Report No.</b> :ICE-2201201322             |
|                                                     | <b>NABL ULR No.</b> :TC592622000001038F       |
|                                                     | <b>Customer Ref. No.:</b> Order No.5030010814 |
|                                                     | <b>Letter Dated</b> :29.10.2020               |

|                                                 |                       |
|-------------------------------------------------|-----------------------|
| <b>Test Report as per :</b>                     | : NAAQS 2009          |
| <b>General Information :</b>                    |                       |
| Location of Sampling Point                      | : Near Shakti Vihar   |
| Date of Monitoring                              | : 06-01-2022          |
| Time of Monitoring                              | : 11:30 hrs           |
| Purpose of Monitoring                           | : For Self Monitoring |
| Duration of Monitoring, minutes                 | : 1440                |
| Avg. Flow Rate of Sampling, m <sup>3</sup> /min | : 1.33                |
| Volume of air sampled, m <sup>3</sup>           | : 1943.04             |
| Avg. Ambient Temperature, °C                    | : 13                  |

|                    |                                                            |                                |                      |               |
|--------------------|------------------------------------------------------------|--------------------------------|----------------------|---------------|
| <b>Description</b> |                                                            |                                |                      |               |
| Description        |                                                            | Ambient Air Quality Monitoring |                      |               |
| <b>S.No.</b>       | <b>Parameters</b>                                          | <b>Method</b>                  | <b>Specification</b> | <b>Result</b> |
|                    | <b>Discipline : Chemical</b>                               |                                |                      |               |
|                    | <b>Group : Atmospheric Pollution</b>                       |                                |                      |               |
| <b>1.</b>          | <b>Ambient Air Quality Parameters</b>                      |                                |                      |               |
| a.                 | Sulphur Dioxide(SO <sub>2</sub> ), µg/m <sup>3</sup>       | IS:5182(P-2)                   | 80 Max               | 6.48          |
| b.                 | Nitrogen Dioxide(NO <sub>2</sub> ), µg/m <sup>3</sup>      | IS:5182(P-6)                   | 80 Max               | 10.24         |
| c.                 | Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>  | IS:5182(P-23)                  | 100 Max              | 82.55         |
| d.                 | Particulate matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup> | STP/ITC/EW-01                  | 60 Max               | 40.40         |
| e.                 | Ozone(O <sub>3</sub> ), µg/m <sup>3</sup>                  | IS:5182(P-9)                   | 180 Max              | BLQ(LOQ: 14)  |

Saurabh Sharma  
20-01-2022  
Reviewer

PremKumar  
20-01-2022  
[Authorized Signatory]

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## Test Report

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2201100523<br><b>Sample Reg. Date</b> :10-01-2022<br><b>Report Date</b> :20-01-2022<br><b>Report No.</b> :ICE-2201201322<br><b>NABL ULR No.</b> :TC592622000001038F<br><b>Customer Ref. No.:</b> Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

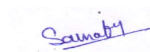
|    |                                                |                                                   |         |               |
|----|------------------------------------------------|---------------------------------------------------|---------|---------------|
| f. | Lead(As Pb),µg/m3                              | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max | BLQ(LOQ:0.1)  |
| g. | Carbon Monoxide(CO),mg/m3                      | IS:5182(P-10)                                     | 4 Max   | BLQ (LOQ:1.0) |
| h. | Ammonia(NH3),µg/m3                             | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | BLQ(LOQ: 5.0) |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m3 | IS 5182 (Part 11)                                 | 5 Max   | BLQ (LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m3  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m3                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m3                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per NAAQS 2009.  
Sampling Procedure: SOP/ITC/EW/056

**REMARKS :**N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
20-01-2022  
Reviewer

  
20-01-2022  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
Panchkula-134109 (Haryana)  
Phone : (O) 0172-2561543, 2565825  
Email : customersupport@itclabs.com  
Visit us :www.itclabs.com

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## Test Report

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2201100521<br><b>Sample Reg. Date</b> :10-01-2022<br><b>Report Date</b> :20-01-2022<br><b>Report No.</b> :ICE-2201201351<br><b>NABL ULR No.</b> :TC592622000001112F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                   |                       |
|-----------------------------------|-----------------------|
| <b>Test Report as per :</b>       | : NAAQS 2009          |
| <b>General Information :</b>      |                       |
| Location of Sampling Point        | : Near Gate No.3      |
| Date of Monitoring                | : 06-01-2022          |
| Time of Monitoring                | : 10:50 hrs           |
| Purpose of Monitoring             | : For Self Monitoring |
| Duration of Monitoring,minutes    | : 1440                |
| Avg. Flow Rate of Sampling,m3/min | : 1.32                |
| Volume of air sampled,m3          | : 1928.43             |
| Avg. Ambient Temperature,°C       | : 13                  |

| Description |                                               |                                |               |              |
|-------------|-----------------------------------------------|--------------------------------|---------------|--------------|
| Description |                                               | Ambient Air Quality Monitoring |               |              |
|             |                                               |                                |               |              |
| S.No.       | Parameters                                    | Method                         | Specification | Result       |
|             | Discipline : Chemical                         |                                |               |              |
|             | Group : Atmospheric Pollution                 |                                |               |              |
| 1.          | Ambient Air Quality Parameters                |                                |               |              |
| a.          | Sulphur Dioxide(SO2),µg/m3                    | IS:5182(P-2)                   | 80 Max        | 9.42         |
| b.          | Nitrogen Dioxide(NO2),µg/m3                   | IS:5182(P-6)                   | 80 Max        | 16.03        |
| c.          | Particulate Matter (PM <sub>10</sub> ),µg/m3  | IS:5182(P-23)                  | 100 Max       | 87.22        |
| d.          | Particulate matter (PM <sub>2.5</sub> ),µg/m3 | STP/ITC/EW-01                  | 60 Max        | 41.25        |
| e.          | Ozone(O <sub>3</sub> ),µg/m3                  | IS:5182(P-9)                   | 180 Max       | BLQ(LOQ: 14) |

Saurabh Sharma  
20-01-2022  
Reviewer

20-01-2022  
PremKumar  
[Authorized Signatory]

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|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

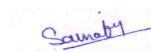
|    |                                                |                                                   |         |               |
|----|------------------------------------------------|---------------------------------------------------|---------|---------------|
| f. | Lead(As Pb),µg/m3                              | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max | BLQ(LOQ:0.1)  |
| g. | Carbon Monoxide(CO),mg/m3                      | IS:5182(P-10)                                     | 4 Max   | 1.3           |
| h. | Ammonia(NH3),µg/m3                             | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | BLQ(LOQ: 5.0) |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m3 | IS 5182 (Part 11)                                 | 5 Max   | BLQ (LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m3  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m3                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m3                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per NAAQS 2009.  
Sampling Procedure: SOP/ITC/EW/056

**REMARKS :**N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
20-01-2022  
Reviewer

  
20-01-2022  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
Panchkula-134109 (Haryana)  
Phone : (O) 0172-2561543, 2565825  
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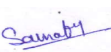
## Test Report

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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2201180952<br><b>Sample Reg. Date</b> :18-01-2022<br><b>Report Date</b> :22-01-2022<br><b>Report No.</b> :ICE-2201221507<br><b>NABL ULR No.</b> :TC592622000001264F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                   |                       |
|-----------------------------------|-----------------------|
| <b>Test Report as per :</b>       | : NAAQS 2009          |
| <b>General Information :</b>      |                       |
| Location of Sampling Point        | : Near Gate No.3      |
| Date of Monitoring                | : 10-01-2022          |
| Time of Monitoring                | : 10:45 hrs           |
| Purpose of Monitoring             | : For Self Monitoring |
| Duration of Monitoring,minutes    | : 1440                |
| Avg. Flow Rate of Sampling,m3/min | : 1.33                |
| Volume of air sampled,m3          | : 1949.86             |
| Avg. Ambient Temperature,°C       | : 12                  |

| Description |                                   |                                |               |        |
|-------------|-----------------------------------|--------------------------------|---------------|--------|
| Description |                                   | Ambient Air Quality Monitoring |               |        |
|             |                                   |                                |               |        |
| S.No.       | Parameters                        | Method                         | Specification | Result |
|             | Discipline : Chemical             |                                |               |        |
|             | Group : Atmospheric Pollution     |                                |               |        |
| 1.          | Ambient Air Quality Parameters    |                                |               |        |
| a.          | Sulphur Dioxide(SO2),µg/m3        | IS:5182(P-2)                   | 80 Max        | 8.21   |
| b.          | Nitrogen Dioxide(NO2),µg/m3       | IS:5182(P-6)                   | 80 Max        | 17.30  |
| c.          | Particulate Matter (PM10),µg/m3   | IS:5182(P-23)                  | 100 Max       | 117.24 |
| d.          | Particulate matter (PM 2.5),µg/m3 | STP/ITC/EW-01                  | 60 Max        | 52.19  |

  
Saurabh Sharma  
22-01-2022  
Reviewer

  
22-01-2022  
PremKumar  
[Authorized Signatory]

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|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

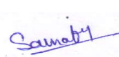
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| e. | Ozone(O <sub>3</sub> ),µg/m <sup>3</sup>                   | IS:5182(P-9)                                      | 180 Max | 18.21         |
| f. | Lead(As Pb),µg/m <sup>3</sup>                              | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max | BLQ(LOQ:0.1)  |
| g. | Carbon Monoxide(CO),mg/m <sup>3</sup>                      | IS:5182(P-10)                                     | 4 Max   | 1.4           |
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | 21.56         |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ (LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE** : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per NAAQS 2009.  
Sampling Procedure: SOP/ITC/EW/056

**REMARKS** :N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
22-01-2022  
Reviewer

  
22-01-2022  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
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|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2201180951<br><b>Sample Reg. Date</b> :18-01-2022<br><b>Report Date</b> :22-01-2022<br><b>Report No.</b> :ICE-2201221506<br><b>NABL ULR No.</b> :TC592622000001263F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                   |                       |
|-----------------------------------|-----------------------|
| <b>Test Report as per :</b>       | : NAAQS 2009          |
| <b>General Information :</b>      |                       |
| Location of Sampling Point        | : Near Guest House    |
| Date of Monitoring                | : 10-01-2022          |
| Time of Monitoring                | : 10:55 hrs           |
| Purpose of Monitoring             | : For Self Monitoring |
| Duration of Monitoring,minutes    | : 1440                |
| Avg. Flow Rate of Sampling,m3/min | : 1.33                |
| Volume of air sampled,m3          | : 1949.86             |
| Avg. Ambient Temperature,°C       | : 12                  |

| Description |                                               |                                |               |        |
|-------------|-----------------------------------------------|--------------------------------|---------------|--------|
| Description |                                               | Ambient Air Quality Monitoring |               |        |
|             |                                               |                                |               |        |
| S.No.       | Parameters                                    | Method                         | Specification | Result |
|             | Discipline : Chemical                         |                                |               |        |
|             | Group : Atmospheric Pollution                 |                                |               |        |
| 1.          | Ambient Air Quality Parameters                |                                |               |        |
| a.          | Sulphur Dioxide(SO2),µg/m3                    | IS:5182(P-2)                   | 80 Max        | 5.28   |
| b.          | Nitrogen Dioxide(NO2),µg/m3                   | IS:5182(P-6)                   | 80 Max        | 10.21  |
| c.          | Particulate Matter (PM <sub>10</sub> ),µg/m3  | IS:5182(P-23)                  | 100 Max       | 89.24  |
| d.          | Particulate matter (PM <sub>2.5</sub> ),µg/m3 | STP/ITC/EW-01                  | 60 Max        | 39.98  |
| e.          | Ozone(O <sub>3</sub> ),µg/m3                  | IS:5182(P-9)                   | 180 Max       | 15.26  |

Saurabh Sharma  
22-01-2022  
Reviewer

22-01-2022  
PremKumar  
[Authorized Signatory]

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## Test Report

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2201180951<br><b>Sample Reg. Date</b> :18-01-2022<br><b>Report Date</b> :22-01-2022<br><b>Report No.</b> :ICE-2201221506<br><b>NABL ULR No.</b> :TC592622000001263F<br><b>Customer Ref. No.:</b> Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

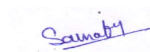
|    |                                                |                                                   |         |               |
|----|------------------------------------------------|---------------------------------------------------|---------|---------------|
| f. | Lead(As Pb),µg/m3                              | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max | BLQ(LOQ:0.1)  |
| g. | Carbon Monoxide(CO),mg/m3                      | IS:5182(P-10)                                     | 4 Max   | BLQ (LOQ:1.0) |
| h. | Ammonia(NH3),µg/m3                             | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | 19.23         |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m3 | IS 5182 (Part 11)                                 | 5 Max   | BLQ (LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m3  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m3                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m3                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per NAAQS 2009.  
Sampling Procedure: SOP/ITC/EW/056

**REMARKS :**N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
22-01-2022  
Reviewer

  
22-01-2022  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
Panchkula-134109 (Haryana)  
Phone : (O) 0172-2561543, 2565825  
Email : customersupport@itclabs.com  
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|                                                     |                                               |
|-----------------------------------------------------|-----------------------------------------------|
| <b>Issued To</b>                                    | <b>Sample Reg. No.</b> :E01-2201180953        |
| Jhajjar Power Limited                               | <b>Sample Reg. Date</b> :18-01-2022           |
| Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar | <b>Report Date</b> :22-01-2022                |
| Jhajjar                                             | <b>Report No.</b> :ICE-2201221508             |
|                                                     | <b>NABL ULR No.</b> :TC592622000001265F       |
|                                                     | <b>Customer Ref. No.:</b> Order No.5030010814 |
|                                                     | <b>Letter Dated</b> :29.10.2020               |

|                                   |                       |
|-----------------------------------|-----------------------|
| <b>Test Report as per :</b>       | : NAAQS 2009          |
| <b>General Information :</b>      |                       |
| Location of Sampling Point        | : Village- Khanpur    |
| Date of Monitoring                | : 10-01-2022          |
| Time of Monitoring                | : 10:30 hrs           |
| Purpose of Monitoring             | : For Self Monitoring |
| Duration of Monitoring,minutes    | : 1440                |
| Avg. Flow Rate of Sampling,m3/min | : 1.33                |
| Volume of air sampled,m3          | : 1949.86             |
| Avg. Ambient Temperature,°C       | : 12                  |

|                    |                                                           |                                |                      |               |
|--------------------|-----------------------------------------------------------|--------------------------------|----------------------|---------------|
| <b>Description</b> |                                                           |                                |                      |               |
| Description        |                                                           | Ambient Air Quality Monitoring |                      |               |
| <b>S.No.</b>       | <b>Parameters</b>                                         | <b>Method</b>                  | <b>Specification</b> | <b>Result</b> |
|                    | <b>Discipline : Chemical</b>                              |                                |                      |               |
|                    | <b>Group : Atmospheric Pollution</b>                      |                                |                      |               |
| <b>1.</b>          | <b>Ambient Air Quality Parameters</b>                     |                                |                      |               |
| a.                 | Sulphur Dioxide(SO <sub>2</sub> ),µg/m <sup>3</sup>       | IS:5182(P-2)                   | 80 Max               | 12.32         |
| b.                 | Nitrogen Dioxide(NO <sub>2</sub> ),µg/m <sup>3</sup>      | IS:5182(P-6)                   | 80 Max               | 19.08         |
| c.                 | Particulate Matter (PM <sub>10</sub> ),µg/m <sup>3</sup>  | IS:5182(P-23)                  | 100 Max              | 124.21        |
| d.                 | Particulate matter (PM <sub>2.5</sub> ),µg/m <sup>3</sup> | STP/ITC/EW-01                  | 60 Max               | 54.29         |
| e.                 | Ozone(O <sub>3</sub> ),µg/m <sup>3</sup>                  | IS:5182(P-9)                   | 180 Max              | 20.24         |

Saurabh Sharma  
22-01-2022  
Reviewer

22-01-2022  
PremKumar  
[Authorized Signatory]

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2201180953<br><b>Sample Reg. Date</b> :18-01-2022<br><b>Report Date</b> :22-01-2022<br><b>Report No.</b> :ICE-2201221508<br><b>NABL ULR No.</b> :TC592622000001265F<br><b>Customer Ref. No.:</b> Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

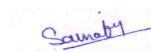
|    |                                                |                                                   |         |               |
|----|------------------------------------------------|---------------------------------------------------|---------|---------------|
| f. | Lead(As Pb),µg/m3                              | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max | BLQ(LOQ:0.1)  |
| g. | Carbon Monoxide(CO),mg/m3                      | IS:5182(P-10)                                     | 4 Max   | 1.3           |
| h. | Ammonia(NH3),µg/m3                             | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | 27.27         |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m3 | IS 5182 (Part 11)                                 | 5 Max   | BLQ (LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m3  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m3                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m3                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per NAAQS 2009.  
Sampling Procedure: SOP/ITC/EW/056

**REMARKS :**N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
22-01-2022  
Reviewer

  
22-01-2022  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
Panchkula-134109 (Haryana)  
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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2201180954<br><b>Sample Reg. Date</b> :18-01-2022<br><b>Report Date</b> :22-01-2022<br><b>Report No.</b> :ICE-2201221509<br><b>NABL ULR No.</b> :TC592622000001266F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                 |                       |
|-------------------------------------------------|-----------------------|
| <b>Test Report as per :</b>                     | : NAAQS 2009          |
| <b>General Information :</b>                    |                       |
| Location of Sampling Point                      | : Near Shakti Vihar   |
| Date of Monitoring                              | : 10-01-2022          |
| Time of Monitoring                              | : 11:20 hrs           |
| Purpose of Monitoring                           | : For Self Monitoring |
| Duration of Monitoring, minutes                 | : 1440                |
| Avg. Flow Rate of Sampling, m <sup>3</sup> /min | : 1.33                |
| Volume of air sampled, m <sup>3</sup>           | : 1949.86             |
| Avg. Ambient Temperature, °C                    | : 12                  |

| <b>Description</b> |                                                            |                                |               |              |
|--------------------|------------------------------------------------------------|--------------------------------|---------------|--------------|
| Description        |                                                            | Ambient Air Quality Monitoring |               |              |
| S.No.              | Parameters                                                 | Method                         | Specification | Result       |
|                    | <b>Discipline : Chemical</b>                               |                                |               |              |
|                    | <b>Group : Atmospheric Pollution</b>                       |                                |               |              |
| 1.                 | <b>Ambient Air Quality Parameters</b>                      |                                |               |              |
| a.                 | Sulphur Dioxide(SO <sub>2</sub> ), µg/m <sup>3</sup>       | IS:5182(P-2)                   | 80 Max        | 7.04         |
| b.                 | Nitrogen Dioxide(NO <sub>2</sub> ), µg/m <sup>3</sup>      | IS:5182(P-6)                   | 80 Max        | 13.31        |
| c.                 | Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>  | IS:5182(P-23)                  | 100 Max       | 94.26        |
| d.                 | Particulate matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup> | STP/ITC/EW-01                  | 60 Max        | 45.45        |
| e.                 | Ozone(O <sub>3</sub> ), µg/m <sup>3</sup>                  | IS:5182(P-9)                   | 180 Max       | BLQ(LOQ: 14) |

Saurabh Sharma  
22-01-2022  
Reviewer

22-01-2022  
PremKumar  
[Authorized Signatory]

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
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|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

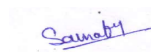
|    |                                                |                                                   |         |               |
|----|------------------------------------------------|---------------------------------------------------|---------|---------------|
| f. | Lead(As Pb),µg/m3                              | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max | BLQ(LOQ:0.1)  |
| g. | Carbon Monoxide(CO),mg/m3                      | IS:5182(P-10)                                     | 4 Max   | BLQ (LOQ:1.0) |
| h. | Ammonia(NH3),µg/m3                             | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | BLQ(LOQ: 5.0) |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m3 | IS 5182 (Part 11)                                 | 5 Max   | BLQ (LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m3  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m3                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m3                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per NAAQS 2009.  
Sampling Procedure: SOP/ITC/EW/056

**REMARKS :**N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
22-01-2022  
Reviewer

  
22-01-2022  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
Panchkula-134109 (Haryana)  
Phone : (O) 0172-2561543, 2565825  
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|                                                     |                                               |
|-----------------------------------------------------|-----------------------------------------------|
| <b>Issued To</b>                                    | <b>Sample Reg. No.</b> :E01-2201180955        |
| Jhajjar Power Limited                               | <b>Sample Reg. Date</b> :18-01-2022           |
| Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar | <b>Report Date</b> :22-01-2022                |
| Jhajjar                                             | <b>Report No.</b> :ICE-2201221510             |
|                                                     | <b>NABL ULR No.</b> :TC592622000001267F       |
|                                                     | <b>Customer Ref. No.:</b> Order No.5030010814 |
|                                                     | <b>Letter Dated</b> :29.10.2020               |

|                                                 |                       |
|-------------------------------------------------|-----------------------|
| <b>Test Report as per :</b>                     | : NAAQS 2009          |
| <b>General Information :</b>                    |                       |
| Location of Sampling Point                      | : Near Guest House    |
| Date of Monitoring                              | : 13-01-2022          |
| Time of Monitoring                              | : 11:10 hrs           |
| Purpose of Monitoring                           | : For Self Monitoring |
| Duration of Monitoring, minutes                 | : 1440                |
| Avg. Flow Rate of Sampling, m <sup>3</sup> /min | : 1.33                |
| Volume of air sampled, m <sup>3</sup>           | : 1949.86             |
| Avg. Ambient Temperature, °C                    | : 12                  |

|                    |                                                            |                                |                      |               |
|--------------------|------------------------------------------------------------|--------------------------------|----------------------|---------------|
| <b>Description</b> |                                                            |                                |                      |               |
| Description        |                                                            | Ambient Air Quality Monitoring |                      |               |
| <b>S.No.</b>       | <b>Parameters</b>                                          | <b>Method</b>                  | <b>Specification</b> | <b>Result</b> |
|                    | <b>Discipline : Chemical</b>                               |                                |                      |               |
|                    | <b>Group : Atmospheric Pollution</b>                       |                                |                      |               |
| <b>1.</b>          | <b>Ambient Air Quality Parameters</b>                      |                                |                      |               |
| a.                 | Sulphur Dioxide(SO <sub>2</sub> ), µg/m <sup>3</sup>       | IS:5182(P-2)                   | 80 Max               | 8.80          |
| b.                 | Nitrogen Dioxide(NO <sub>2</sub> ), µg/m <sup>3</sup>      | IS:5182(P-6)                   | 80 Max               | 10.21         |
| c.                 | Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>  | IS:5182(P-23)                  | 100 Max              | 84.21         |
| d.                 | Particulate matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup> | STP/ITC/EW-01                  | 60 Max               | 35.35         |
| e.                 | Ozone(O <sub>3</sub> ), µg/m <sup>3</sup>                  | IS:5182(P-9)                   | 180 Max              | BLQ(LOQ: 14)  |

Saurabh Sharma  
22-01-2022  
Reviewer

22-01-2022  
PremKumar  
[Authorized Signatory]

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|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2201180955<br><b>Sample Reg. Date</b> :18-01-2022<br><b>Report Date</b> :22-01-2022<br><b>Report No.</b> :ICE-2201221510<br><b>NABL ULR No.</b> :TC592622000001267F<br><b>Customer Ref. No.:</b> Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

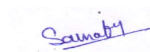
|    |                                                |                                                   |         |               |
|----|------------------------------------------------|---------------------------------------------------|---------|---------------|
| f. | Lead(As Pb),µg/m3                              | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max | BLQ(LOQ:0.1)  |
| g. | Carbon Monoxide(CO),mg/m3                      | IS:5182(P-10)                                     | 4 Max   | BLQ (LOQ:1.0) |
| h. | Ammonia(NH3),µg/m3                             | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | BLQ(LOQ: 5.0) |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m3 | IS 5182 (Part 11)                                 | 5 Max   | BLQ (LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m3  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m3                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m3                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per NAAQS 2009.  
Sampling Procedure: SOP/ITC/EW/056

**REMARKS :**N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
22-01-2022  
Reviewer

  
22-01-2022  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
Panchkula-134109 (Haryana)  
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|                                                     |                                               |
|-----------------------------------------------------|-----------------------------------------------|
| <b>Issued To</b>                                    | <b>Sample Reg. No.</b> :E01-2201180956        |
| Jhajjar Power Limited                               | <b>Sample Reg. Date</b> :18-01-2022           |
| Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar | <b>Report Date</b> :22-01-2022                |
| Jhajjar                                             | <b>Report No.</b> :ICE-2201221511             |
|                                                     | <b>NABL ULR No.</b> :TC592622000001268F       |
|                                                     | <b>Customer Ref. No.:</b> Order No.5030010814 |
|                                                     | <b>Letter Dated</b> :29.10.2020               |

|                                   |                       |
|-----------------------------------|-----------------------|
| <b>Test Report as per :</b>       | : NAAQS 2009          |
| <b>General Information :</b>      |                       |
| Location of Sampling Point        | : Near Gate No.3      |
| Date of Monitoring                | : 13-01-2022          |
| Time of Monitoring                | : 10:55 hrs           |
| Purpose of Monitoring             | : For Self Monitoring |
| Duration of Monitoring,minutes    | : 1440                |
| Avg. Flow Rate of Sampling,m3/min | : 1.33                |
| Volume of air sampled,m3          | : 1956.73             |
| Avg. Ambient Temperature,°C       | : 11                  |

|                    |                                                           |                                |                      |               |
|--------------------|-----------------------------------------------------------|--------------------------------|----------------------|---------------|
| <b>Description</b> |                                                           |                                |                      |               |
| Description        |                                                           | Ambient Air Quality Monitoring |                      |               |
| <b>S.No.</b>       | <b>Parameters</b>                                         | <b>Method</b>                  | <b>Specification</b> | <b>Result</b> |
|                    | <b>Discipline : Chemical</b>                              |                                |                      |               |
|                    | <b>Group : Atmospheric Pollution</b>                      |                                |                      |               |
| <b>1.</b>          | <b>Ambient Air Quality Parameters</b>                     |                                |                      |               |
| a.                 | Sulphur Dioxide(SO <sub>2</sub> ),µg/m <sup>3</sup>       | IS:5182(P-2)                   | 80 Max               | 9.94          |
| b.                 | Nitrogen Dioxide(NO <sub>2</sub> ),µg/m <sup>3</sup>      | IS:5182(P-6)                   | 80 Max               | 15.47         |
| c.                 | Particulate Matter (PM <sub>10</sub> ),µg/m <sup>3</sup>  | IS:5182(P-23)                  | 100 Max              | 112.23        |
| d.                 | Particulate matter (PM <sub>2.5</sub> ),µg/m <sup>3</sup> | STP/ITC/EW-01                  | 60 Max               | 54.29         |
| e.                 | Ozone(O <sub>3</sub> ),µg/m <sup>3</sup>                  | IS:5182(P-9)                   | 180 Max              | 18.55         |

Saurabh Sharma  
22-01-2022  
Reviewer

22-01-2022  
PremKumar  
[Authorized Signatory]

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## Test Report

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2201180956<br><b>Sample Reg. Date</b> :18-01-2022<br><b>Report Date</b> :22-01-2022<br><b>Report No.</b> :ICE-2201221511<br><b>NABL ULR No.</b> :TC592622000001268F<br><b>Customer Ref. No.:</b> Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

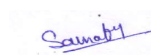
|    |                                                |                                                   |         |               |
|----|------------------------------------------------|---------------------------------------------------|---------|---------------|
| f. | Lead(As Pb),µg/m3                              | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max | BLQ(LOQ:0.1)  |
| g. | Carbon Monoxide(CO),mg/m3                      | IS:5182(P-10)                                     | 4 Max   | 1.5           |
| h. | Ammonia(NH3),µg/m3                             | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | BLQ(LOQ: 5.0) |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m3 | IS 5182 (Part 11)                                 | 5 Max   | BLQ (LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m3  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m3                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m3                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per NAAQS 2009.  
Sampling Procedure: SOP/ITC/EW/056

**REMARKS :**N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
22-01-2022  
Reviewer

  
22-01-2022  
PremKumar  
[Authorized Signatory]

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|                                                     |                                               |
|-----------------------------------------------------|-----------------------------------------------|
| <b>Issued To</b>                                    | <b>Sample Reg. No.</b> :E01-2201180957        |
| Jhajjar Power Limited                               | <b>Sample Reg. Date</b> :18-01-2022           |
| Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar | <b>Report Date</b> :22-01-2022                |
| Jhajjar                                             | <b>Report No.</b> :ICE-2201221512             |
|                                                     | <b>NABL ULR No.</b> :TC592622000001269F       |
|                                                     | <b>Customer Ref. No.</b> :Order No.5030010814 |
|                                                     | <b>Letter Dated</b> :29.10.2020               |

|                                                 |                       |
|-------------------------------------------------|-----------------------|
| <b>Test Report as per :</b>                     | : NAAQS 2009          |
| <b>General Information :</b>                    |                       |
| Location of Sampling Point                      | : Village- Khanpur    |
| Date of Monitoring                              | : 13-01-2022          |
| Time of Monitoring                              | : 10:40 hrs           |
| Purpose of Monitoring                           | : For Self Monitoring |
| Duration of Monitoring, minutes                 | : 1440                |
| Avg. Flow Rate of Sampling, m <sup>3</sup> /min | : 1.32                |
| Volume of air sampled, m <sup>3</sup>           | : 1942.01             |
| Avg. Ambient Temperature, °C                    | : 11                  |

|                    |                                                            |                                |                      |               |
|--------------------|------------------------------------------------------------|--------------------------------|----------------------|---------------|
| <b>Description</b> |                                                            |                                |                      |               |
| Description        |                                                            | Ambient Air Quality Monitoring |                      |               |
| <b>S.No.</b>       | <b>Parameters</b>                                          | <b>Method</b>                  | <b>Specification</b> | <b>Result</b> |
|                    | <b>Discipline : Chemical</b>                               |                                |                      |               |
|                    | <b>Group : Atmospheric Pollution</b>                       |                                |                      |               |
| <b>1.</b>          | <b>Ambient Air Quality Parameters</b>                      |                                |                      |               |
| a.                 | Sulphur Dioxide(SO <sub>2</sub> ), µg/m <sup>3</sup>       | IS:5182(P-2)                   | 80 Max               | 7.02          |
| b.                 | Nitrogen Dioxide(NO <sub>2</sub> ), µg/m <sup>3</sup>      | IS:5182(P-6)                   | 80 Max               | 13.26         |
| c.                 | Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>  | IS:5182(P-23)                  | 100 Max              | 104.27        |
| d.                 | Particulate matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup> | STP/ITC/EW-01                  | 60 Max               | 52.61         |
| e.                 | Ozone(O <sub>3</sub> ), µg/m <sup>3</sup>                  | IS:5182(P-9)                   | 180 Max              | 16.16         |

Saurabh Sharma  
22-01-2022  
Reviewer

22-01-2022  
PremKumar  
[Authorized Signatory]

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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2201180957<br><b>Sample Reg. Date</b> :18-01-2022<br><b>Report Date</b> :22-01-2022<br><b>Report No.</b> :ICE-2201221512<br><b>NABL ULR No.</b> :TC592622000001269F<br><b>Customer Ref. No.:</b> Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

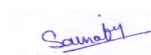
|    |                                                |                                                   |         |               |
|----|------------------------------------------------|---------------------------------------------------|---------|---------------|
| f. | Lead(As Pb),µg/m3                              | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max | BLQ(LOQ:0.1)  |
| g. | Carbon Monoxide(CO),mg/m3                      | IS:5182(P-10)                                     | 4 Max   | 1.2           |
| h. | Ammonia(NH3),µg/m3                             | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | BLQ(LOQ: 5.0) |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m3 | IS 5182 (Part 11)                                 | 5 Max   | BLQ (LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m3  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m3                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m3                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per NAAQS 2009.  
Sampling Procedure: SOP/ITC/EW/056

**REMARKS :**N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
22-01-2022  
Reviewer

  
22-01-2022  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
Panchkula-134109 (Haryana)  
Phone : (O) 0172-2561543, 2565825  
Email : customersupport@itclabs.com  
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|                                                     |                                               |
|-----------------------------------------------------|-----------------------------------------------|
| <b>Issued To</b>                                    | <b>Sample Reg. No.</b> :E01-2201180958        |
| Jhajjar Power Limited                               | <b>Sample Reg. Date</b> :18-01-2022           |
| Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar | <b>Report Date</b> :22-01-2022                |
| Jhajjar                                             | <b>Report No.</b> :ICE-2201221513             |
|                                                     | <b>NABL ULR No.</b> :TC592622000001270F       |
|                                                     | <b>Customer Ref. No.</b> :Order No.5030010814 |
|                                                     | <b>Letter Dated</b> :29.10.2020               |

|                                                 |                       |
|-------------------------------------------------|-----------------------|
| <b>Test Report as per :</b>                     | : NAAQS 2009          |
| <b>General Information :</b>                    |                       |
| Location of Sampling Point                      | : Near Shakti Vihar   |
| Date of Monitoring                              | : 13-01-2022          |
| Time of Monitoring                              | : 11:20 hrs           |
| Purpose of Monitoring                           | : For Self Monitoring |
| Duration of Monitoring, minutes                 | : 1440                |
| Avg. Flow Rate of Sampling, m <sup>3</sup> /min | : 1.33                |
| Volume of air sampled, m <sup>3</sup>           | : 1949.86             |
| Avg. Ambient Temperature, °C                    | : 12                  |

|                    |                                                            |                                |                      |               |
|--------------------|------------------------------------------------------------|--------------------------------|----------------------|---------------|
| <b>Description</b> |                                                            |                                |                      |               |
| Description        |                                                            | Ambient Air Quality Monitoring |                      |               |
| <b>S.No.</b>       | <b>Parameters</b>                                          | <b>Method</b>                  | <b>Specification</b> | <b>Result</b> |
|                    | <b>Discipline : Chemical</b>                               |                                |                      |               |
|                    | <b>Group : Atmospheric Pollution</b>                       |                                |                      |               |
| <b>1.</b>          | <b>Ambient Air Quality Parameters</b>                      |                                |                      |               |
| a.                 | Sulphur Dioxide(SO <sub>2</sub> ), µg/m <sup>3</sup>       | IS:5182(P-2)                   | 80 Max               | 6.45          |
| b.                 | Nitrogen Dioxide(NO <sub>2</sub> ), µg/m <sup>3</sup>      | IS:5182(P-6)                   | 80 Max               | 12.42         |
| c.                 | Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>  | IS:5182(P-23)                  | 100 Max              | 93.24         |
| d.                 | Particulate matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup> | STP/ITC/EW-01                  | 60 Max               | 41.25         |
| e.                 | Ozone(O <sub>3</sub> ), µg/m <sup>3</sup>                  | IS:5182(P-9)                   | 180 Max              | 16.21         |

Saurabh Sharma  
22-01-2022  
Reviewer

22-01-2022  
PremKumar  
[Authorized Signatory]

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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2201180958<br><b>Sample Reg. Date</b> :18-01-2022<br><b>Report Date</b> :22-01-2022<br><b>Report No.</b> :ICE-2201221513<br><b>NABL ULR No.</b> :TC592622000001270F<br><b>Customer Ref. No.:</b> Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
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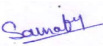
|    |                                                |                                                   |         |               |
|----|------------------------------------------------|---------------------------------------------------|---------|---------------|
| f. | Lead(As Pb),µg/m3                              | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max | BLQ(LOQ:0.1)  |
| g. | Carbon Monoxide(CO),mg/m3                      | IS:5182(P-10)                                     | 4 Max   | BLQ (LOQ:1.0) |
| h. | Ammonia(NH3),µg/m3                             | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | BLQ(LOQ: 5.0) |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m3 | IS 5182 (Part 11)                                 | 5 Max   | BLQ (LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m3  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m3                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m3                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per NAAQS 2009.  
Sampling Procedure: SOP/ITC/EW/056

**REMARKS :**N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
22-01-2022  
Reviewer

  
22-01-2022  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
Panchkula-134109 (Haryana)  
Phone : (O) 0172-2561543, 2565825  
Email : customersupport@itclabs.com  
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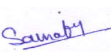
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|-------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> : E01-2201251396<br><b>Sample Reg. Date</b> : 25-01-2022<br><b>Report Date</b> : 03-02-2022<br><b>Report No.</b> : ICE-2202030400<br><b>NABL ULR No.</b> : TC592622000002092F<br><b>Customer Ref. No.</b> : Order No.5030010814<br><b>Letter Dated</b> : 29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                 |                       |
|-------------------------------------------------|-----------------------|
| <b>Test Report as per :</b>                     | : NAAQS 2009          |
| <b>General Information :</b>                    |                       |
| Location of Sampling Point                      | : Near Guest House    |
| Date of Monitoring                              | : 17-01-2022          |
| Time of Monitoring                              | : 10:55 hrs           |
| Purpose of Monitoring                           | : For Self Monitoring |
| Duration of Monitoring, minutes                 | : 1440                |
| Avg. Flow Rate of Sampling, m <sup>3</sup> /min | : 1.33                |
| Volume of air sampled, m <sup>3</sup>           | : 1949.86             |
| Avg. Ambient Temperature, °C                    | : 12                  |

| <b>Description</b> |                                                            |                                |               |        |
|--------------------|------------------------------------------------------------|--------------------------------|---------------|--------|
| Description        |                                                            | Ambient Air Quality Monitoring |               |        |
| S.No.              | Parameters                                                 | Method                         | Specification | Result |
|                    | <b>Discipline : Chemical</b>                               |                                |               |        |
|                    | <b>Group : Atmospheric Pollution</b>                       |                                |               |        |
| 1.                 | <b>Ambient Air Quality Parameters</b>                      |                                |               |        |
| a.                 | Sulphur Dioxide(SO <sub>2</sub> ), µg/m <sup>3</sup>       | IS:5182(P-2)                   | 80 Max        | 8.44   |
| b.                 | Nitrogen Dioxide(NO <sub>2</sub> ), µg/m <sup>3</sup>      | IS:5182(P-6)                   | 80 Max        | 11.43  |
| c.                 | Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>  | IS:5182(P-23)                  | 100 Max       | 82.34  |
| d.                 | Particulate matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup> | STP/ITC/EW-01                  | 60 Max        | 36.20  |

  
Saurabh Sharma  
04-02-2022  
Reviewer

  
04-02-2022  
Prem Kumar  
[Authorized Signatory]

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|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

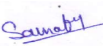
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| e. | Ozone(O <sub>3</sub> ),µg/m <sup>3</sup>                   | IS:5182(P-9)                                      | 180 Max | BLQ(LOQ: 14)  |
| f. | Lead(As Pb),µg/m <sup>3</sup>                              | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max | BLQ(LOQ:0.1)  |
| g. | Carbon Monoxide(CO),mg/m <sup>3</sup>                      | IS:5182(P-10)                                     | 4 Max   | BLQ(LOQ: 1.0) |
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | BLQ(LOQ: 5.0) |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ(LOQ: 1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE** : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per NAAQS 2009.  
Sampling Procedure: SOP/ITC/EW/056

**REMARKS** :N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
04-02-2022  
Reviewer

  
04-02-2022  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
Panchkula-134109 (Haryana)  
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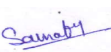
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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2201251398<br><b>Sample Reg. Date</b> :25-01-2022<br><b>Report Date</b> :03-02-2022<br><b>Report No.</b> :ICE-2202030402<br><b>NABL ULR No.</b> :TC592622000001994F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                   |                       |
|-----------------------------------|-----------------------|
| <b>Test Report as per :</b>       | : NAAQS 2009          |
| <b>General Information :</b>      |                       |
| Location of Sampling Point        | : Village-Khanpur     |
| Date of Monitoring                | : 17-01-2022          |
| Time of Monitoring                | : 10:30 hrs           |
| Purpose of Monitoring             | : For Self Monitoring |
| Duration of Monitoring,minutes    | : 1440                |
| Avg. Flow Rate of Sampling,m3/min | : 1.33                |
| Volume of air sampled,m3          | : 1949.86             |
| Avg. Ambient Temperature,°C       | : 12                  |

| <b>Description</b> |                                                           |                                |               |        |
|--------------------|-----------------------------------------------------------|--------------------------------|---------------|--------|
| Description        |                                                           | Ambient Air Quality Monitoring |               |        |
| S.No.              | Parameters                                                | Method                         | Specification | Result |
|                    | <b>Discipline : Chemical</b>                              |                                |               |        |
|                    | <b>Group : Atmospheric Pollution</b>                      |                                |               |        |
| 1.                 | <b>Ambient Air Quality Parameters</b>                     |                                |               |        |
| a.                 | Sulphur Dioxide(SO <sub>2</sub> ),µg/m <sup>3</sup>       | IS:5182(P-2)                   | 80 Max        | 11.71  |
| b.                 | Nitrogen Dioxide(NO <sub>2</sub> ),µg/m <sup>3</sup>      | IS:5182(P-6)                   | 80 Max        | 14.61  |
| c.                 | Particulate Matter (PM <sub>10</sub> ),µg/m <sup>3</sup>  | IS:5182(P-23)                  | 100 Max       | 90.87  |
| d.                 | Particulate matter (PM <sub>2.5</sub> ),µg/m <sup>3</sup> | STP/ITC/EW-01                  | 60 Max        | 48.82  |

  
Saurabh Sharma  
03-02-2022  
Reviewer

  
03-02-2022  
PremKumar  
[Authorized Signatory]

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## Test Report

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2201251398<br><b>Sample Reg. Date</b> :25-01-2022<br><b>Report Date</b> :03-02-2022<br><b>Report No.</b> :ICE-2202030402<br><b>NABL ULR No.</b> :TC592622000001994F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

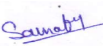
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| e. | Ozone(O <sub>3</sub> ),µg/m <sup>3</sup>                   | IS:5182(P-9)                                      | 180 Max | BLQ(LOQ: 14)  |
| f. | Lead(As Pb),µg/m <sup>3</sup>                              | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max | BLQ(LOQ:0.1)  |
| g. | Carbon Monoxide(CO),mg/m <sup>3</sup>                      | IS:5182(P-10)                                     | 4 Max   | 1.2           |
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | BLQ(LOQ: 5.0) |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ(LOQ: 1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE** : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per NAAQS 2009.  
Sampling Procedure: SOP/ITC/EW/056

**REMARKS** :N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
03-02-2022  
Reviewer

  
03-02-2022  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
Panchkula-134109 (Haryana)  
Phone : (O) 0172-2561543, 2565825  
Email : customersupport@itclabs.com  
Visit us :www.itclabs.com

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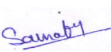
## Test Report

Document QF : 2501  
Page 1 of 2

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2201251399<br><b>Sample Reg. Date</b> :25-01-2022<br><b>Report Date</b> :03-02-2022<br><b>Report No.</b> :ICE-2202030403<br><b>NABL ULR No.</b> :TC592622000001995F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                   |                       |
|-----------------------------------|-----------------------|
| <b>Test Report as per :</b>       | : NAAQS 2009          |
| <b>General Information :</b>      |                       |
| Location of Sampling Point        | : Near Shakti Vihar   |
| Date of Monitoring                | : 17-01-2022          |
| Time of Monitoring                | : 11:10 hrs           |
| Purpose of Monitoring             | : For Self Monitoring |
| Duration of Monitoring,minutes    | : 1440                |
| Avg. Flow Rate of Sampling,m3/min | : 1.33                |
| Volume of air sampled,m3          | : 1956.73             |
| Avg. Ambient Temperature,°C       | : 11                  |

| <b>Description</b> |                                                           |                                |               |        |
|--------------------|-----------------------------------------------------------|--------------------------------|---------------|--------|
| Description        |                                                           | Ambient Air Quality Monitoring |               |        |
| S.No.              | Parameters                                                | Method                         | Specification | Result |
|                    | <b>Discipline : Chemical</b>                              |                                |               |        |
|                    | <b>Group : Atmospheric Pollution</b>                      |                                |               |        |
| 1.                 | <b>Ambient Air Quality Parameters</b>                     |                                |               |        |
| a.                 | Sulphur Dioxide(SO <sub>2</sub> ),µg/m <sup>3</sup>       | IS:5182(P-2)                   | 80 Max        | 6.97   |
| b.                 | Nitrogen Dioxide(NO <sub>2</sub> ),µg/m <sup>3</sup>      | IS:5182(P-6)                   | 80 Max        | 12.10  |
| c.                 | Particulate Matter (PM <sub>10</sub> ),µg/m <sup>3</sup>  | IS:5182(P-23)                  | 100 Max       | 82.87  |
| d.                 | Particulate matter (PM <sub>2.5</sub> ),µg/m <sup>3</sup> | STP/ITC/EW-01                  | 60 Max        | 12.10  |

  
Saurabh Sharma  
03-02-2022  
Reviewer

  
03-02-2022  
PremKumar  
[Authorized Signatory]

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## Test Report

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2201251399<br><b>Sample Reg. Date</b> :25-01-2022<br><b>Report Date</b> :03-02-2022<br><b>Report No.</b> :ICE-2202030403<br><b>NABL ULR No.</b> :TC592622000001995F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

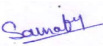
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| e. | Ozone(O <sub>3</sub> ),µg/m <sup>3</sup>                   | IS:5182(P-9)                                      | 180 Max | BLQ(LOQ: 14)  |
| f. | Lead(As Pb),µg/m <sup>3</sup>                              | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max | BLQ(LOQ:0.1)  |
| g. | Carbon Monoxide(CO),mg/m <sup>3</sup>                      | IS:5182(P-10)                                     | 4 Max   | BLQ(LOQ: 1.0) |
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | BLQ(LOQ: 5.0) |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ(LOQ: 1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE** : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per NAAQS 2009.  
Sampling Procedure: SOP/ITC/EW/056

**REMARKS** :N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
03-02-2022  
Reviewer

  
03-02-2022  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
Panchkula-134109 (Haryana)  
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## Test Report

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2201251397<br><b>Sample Reg. Date</b> :25-01-2022<br><b>Report Date</b> :03-02-2022<br><b>Report No.</b> :ICE-2202030401<br><b>NABL ULR No.</b> :TC592622000001992F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                   |                       |
|-----------------------------------|-----------------------|
| <b>Test Report as per :</b>       | : NAAQS 2009          |
| <b>General Information :</b>      |                       |
| Location of Sampling Point        | : Near Gate No.3      |
| Date of Monitoring                | : 17-01-2022          |
| Time of Monitoring                | : 10:45 hrs           |
| Purpose of Monitoring             | : For Self Monitoring |
| Duration of Monitoring,minutes    | : 1440                |
| Avg. Flow Rate of Sampling,m3/min | : 1.33                |
| Volume of air sampled,m3          | : 1943.04             |
| Avg. Ambient Temperature,°C       | : 13                  |

| <b>Description</b> |                                                           |                                |               |        |
|--------------------|-----------------------------------------------------------|--------------------------------|---------------|--------|
| Description        |                                                           | Ambient Air Quality Monitoring |               |        |
| S.No.              | Parameters                                                | Method                         | Specification | Result |
|                    | <b>Discipline : Chemical</b>                              |                                |               |        |
|                    | <b>Group : Atmospheric Pollution</b>                      |                                |               |        |
| 1.                 | <b>Ambient Air Quality Parameters</b>                     |                                |               |        |
| a.                 | Sulphur Dioxide(SO <sub>2</sub> ),µg/m <sup>3</sup>       | IS:5182(P-2)                   | 80 Max        | 16.84  |
| b.                 | Nitrogen Dioxide(NO <sub>2</sub> ),µg/m <sup>3</sup>      | IS:5182(P-6)                   | 80 Max        | 20.16  |
| c.                 | Particulate Matter (PM <sub>10</sub> ),µg/m <sup>3</sup>  | IS:5182(P-23)                  | 100 Max       | 90.12  |
| d.                 | Particulate matter (PM <sub>2.5</sub> ),µg/m <sup>3</sup> | STP/ITC/EW-01                  | 60 Max        | 50.08  |

*Saurabh*  
Saurabh Sharma  
03-02-2022  
Reviewer

*PremKumar*  
03-02-2022  
PremKumar  
[Authorized Signatory]

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## Test Report

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2201251397<br><b>Sample Reg. Date</b> :25-01-2022<br><b>Report Date</b> :03-02-2022<br><b>Report No.</b> :ICE-2202030401<br><b>NABL ULR No.</b> :TC592622000001992F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
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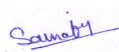
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| e. | Ozone(O <sub>3</sub> ),µg/m <sup>3</sup>                   | IS:5182(P-9)                                      | 180 Max | BLQ(LOQ: 14)  |
| f. | Lead(As Pb),µg/m <sup>3</sup>                              | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max | BLQ(LOQ:0.1)  |
| g. | Carbon Monoxide(CO),mg/m <sup>3</sup>                      | IS:5182(P-10)                                     | 4 Max   | 1.3           |
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | BLQ(LOQ: 5.0) |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ(LOQ: 1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE** : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per NAAQS 2009.  
Sampling Procedure: SOP/ITC/EW/056

**REMARKS** :N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
03-02-2022  
Reviewer

  
03-02-2022  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
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Panchkula-134109 (Haryana)  
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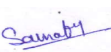
## Test Report

Document QF : 2501  
Page 1 of 2

|                                                                                                             |                                                                                                                                                                                                                                                                                            |
|-------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> : E01-2201251401<br><b>Sample Reg. Date</b> : 25-01-2022<br><b>Report Date</b> : 03-02-2022<br><b>Report No.</b> : ICE-2202030404<br><b>NABL ULR No.</b> : TC592622000001998F<br><b>Customer Ref. No.</b> : Order No.5030010814<br><b>Letter Dated</b> : 29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                 |                       |
|-------------------------------------------------|-----------------------|
| <b>Test Report as per :</b>                     | : NAAQS 2009          |
| <b>General Information :</b>                    |                       |
| Location of Sampling Point                      | : Near Gate No.3      |
| Date of Monitoring                              | : 20-01-2022          |
| Time of Monitoring                              | : 10:20 hrs           |
| Purpose of Monitoring                           | : For Self Monitoring |
| Duration of Monitoring, minutes                 | : 1440                |
| Avg. Flow Rate of Sampling, m <sup>3</sup> /min | : 1.33                |
| Volume of air sampled, m <sup>3</sup>           | : 1956.73             |
| Avg. Ambient Temperature, °C                    | : 11                  |

| <b>Description</b> |                                                            |                                |               |        |
|--------------------|------------------------------------------------------------|--------------------------------|---------------|--------|
| Description        |                                                            | Ambient Air Quality Monitoring |               |        |
| S.No.              | Parameters                                                 | Method                         | Specification | Result |
|                    | <b>Discipline : Chemical</b>                               |                                |               |        |
|                    | <b>Group : Atmospheric Pollution</b>                       |                                |               |        |
| 1.                 | <b>Ambient Air Quality Parameters</b>                      |                                |               |        |
| a.                 | Sulphur Dioxide(SO <sub>2</sub> ), µg/m <sup>3</sup>       | IS:5182(P-2)                   | 80 Max        | 9.20   |
| b.                 | Nitrogen Dioxide(NO <sub>2</sub> ), µg/m <sup>3</sup>      | IS:5182(P-6)                   | 80 Max        | 21.62  |
| c.                 | Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>  | IS:5182(P-23)                  | 100 Max       | 109.28 |
| d.                 | Particulate matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup> | STP/ITC/EW-01                  | 60 Max        | 57.66  |

  
Saurabh Sharma  
03-02-2022  
Reviewer

  
03-02-2022  
PremKumar  
[Authorized Signatory]

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## Test Report

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2201251401<br><b>Sample Reg. Date</b> :25-01-2022<br><b>Report Date</b> :03-02-2022<br><b>Report No.</b> :ICE-2202030404<br><b>NABL ULR No.</b> :TC592622000001998F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

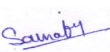
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| e. | Ozone(O <sub>3</sub> ),µg/m <sup>3</sup>                   | IS:5182(P-9)                                      | 180 Max | BLQ(LOQ: 14)  |
| f. | Lead(As Pb),µg/m <sup>3</sup>                              | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max | BLQ(LOQ:0.1)  |
| g. | Carbon Monoxide(CO),mg/m <sup>3</sup>                      | IS:5182(P-10)                                     | 4 Max   | 1.2           |
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | BLQ(LOQ: 5.0) |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ(LOQ: 1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE** : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per NAAQS 2009.  
Sampling Procedure: SOP/ITC/EW/056

**REMARKS** :N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
03-02-2022  
Reviewer

  
03-02-2022  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
Panchkula-134109 (Haryana)  
Phone : (O) 0172-2561543, 2565825  
Email : customersupport@itclabs.com  
Visit us :www.itclabs.com

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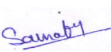
## Test Report

Document QF : 2501  
Page 1 of 2

|                                                                                                             |                                                                                                                                                                                                                                                                                            |
|-------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> : E01-2201251400<br><b>Sample Reg. Date</b> : 25-01-2022<br><b>Report Date</b> : 04-02-2022<br><b>Report No.</b> : ICE-2202040517<br><b>NABL ULR No.</b> : TC592622000002093F<br><b>Customer Ref. No.</b> : Order No.5030010814<br><b>Letter Dated</b> : 29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                 |                       |
|-------------------------------------------------|-----------------------|
| <b>Test Report as per :</b>                     | : NAAQS 2009          |
| <b>General Information :</b>                    |                       |
| Location of Sampling Point                      | : Near Block C-3      |
| Date of Monitoring                              | : 20-01-2022          |
| Time of Monitoring                              | : 10:40 hrs           |
| Purpose of Monitoring                           | : For Self Monitoring |
| Duration of Monitoring, minutes                 | : 1440                |
| Avg. Flow Rate of Sampling, m <sup>3</sup> /min | : 1.33                |
| Volume of air sampled, m <sup>3</sup>           | : 1949.86             |
| Avg. Ambient Temperature, °C                    | : 12                  |

| <b>Description</b> |                                                            |                                |               |        |
|--------------------|------------------------------------------------------------|--------------------------------|---------------|--------|
| Description        |                                                            | Ambient Air Quality Monitoring |               |        |
| S.No.              | Parameters                                                 | Method                         | Specification | Result |
|                    | <b>Discipline : Chemical</b>                               |                                |               |        |
|                    | <b>Group : Atmospheric Pollution</b>                       |                                |               |        |
| 1.                 | <b>Ambient Air Quality Parameters</b>                      |                                |               |        |
| a.                 | Sulphur Dioxide(SO <sub>2</sub> ), µg/m <sup>3</sup>       | IS:5182(P-2)                   | 80 Max        | 5.49   |
| b.                 | Nitrogen Dioxide(NO <sub>2</sub> ), µg/m <sup>3</sup>      | IS:5182(P-6)                   | 80 Max        | 9.59   |
| c.                 | Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>  | IS:5182(P-23)                  | 100 Max       | 78.78  |
| d.                 | Particulate matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup> | STP/ITC/EW-01                  | 60 Max        | 32.83  |

  
Saurabh Sharma  
04-02-2022  
Reviewer

  
04-02-2022  
Prem Kumar  
[Authorized Signatory]

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## Test Report

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2201251400<br><b>Sample Reg. Date</b> :25-01-2022<br><b>Report Date</b> :04-02-2022<br><b>Report No.</b> :ICE-2202040517<br><b>NABL ULR No.</b> :TC592622000002093F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

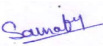
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| e. | Ozone(O <sub>3</sub> ),µg/m <sup>3</sup>                   | IS:5182(P-9)                                      | 180 Max | BLQ(LOQ: 14)  |
| f. | Lead(As Pb),µg/m <sup>3</sup>                              | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max | BLQ(LOQ:0.1)  |
| g. | Carbon Monoxide(CO),mg/m <sup>3</sup>                      | IS:5182(P-10)                                     | 4 Max   | BLQ(LOQ: 1.0) |
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | BLQ(LOQ: 5.0) |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ(LOQ: 1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE** : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per NAAQS 2009.  
Sampling Procedure: SOP/ITC/EW/056

**REMARKS** :N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
04-02-2022  
Reviewer

  
04-02-2022  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
Panchkula-134109 (Haryana)  
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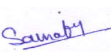
## Test Report

Document QF : 2501  
Page 1 of 2

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2201251402<br><b>Sample Reg. Date</b> :25-01-2022<br><b>Report Date</b> :03-02-2022<br><b>Report No.</b> :ICE-2202030405<br><b>NABL ULR No.</b> :TC592622000001996F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                   |                       |
|-----------------------------------|-----------------------|
| <b>Test Report as per :</b>       | : NAAQS 2009          |
| <b>General Information :</b>      |                       |
| Location of Sampling Point        | : Village- Khanpur    |
| Date of Monitoring                | : 20-01-2022          |
| Time of Monitoring                | : 10:00 hrs           |
| Purpose of Monitoring             | : For Self Monitoring |
| Duration of Monitoring,minutes    | : 1440                |
| Avg. Flow Rate of Sampling,m3/min | : 1.33                |
| Volume of air sampled,m3          | : 1949.86             |
| Avg. Ambient Temperature,°C       | : 12                  |

| <b>Description</b> |                                                           |                                |               |        |
|--------------------|-----------------------------------------------------------|--------------------------------|---------------|--------|
| Description        |                                                           | Ambient Air Quality Monitoring |               |        |
| S.No.              | Parameters                                                | Method                         | Specification | Result |
|                    | <b>Discipline : Chemical</b>                              |                                |               |        |
|                    | <b>Group : Atmospheric Pollution</b>                      |                                |               |        |
| 1.                 | <b>Ambient Air Quality Parameters</b>                     |                                |               |        |
| a.                 | Sulphur Dioxide(SO <sub>2</sub> ),µg/m <sup>3</sup>       | IS:5182(P-2)                   | 80 Max        | 15.95  |
| b.                 | Nitrogen Dioxide(NO <sub>2</sub> ),µg/m <sup>3</sup>      | IS:5182(P-6)                   | 80 Max        | 21.11  |
| c.                 | Particulate Matter (PM <sub>10</sub> ),µg/m <sup>3</sup>  | IS:5182(P-23)                  | 100 Max       | 103.95 |
| d.                 | Particulate matter (PM <sub>2.5</sub> ),µg/m <sup>3</sup> | STP/ITC/EW-01                  | 60 Max        | 55.98  |

  
Saurabh Sharma  
03-02-2022  
Reviewer

  
03-02-2022  
PremKumar  
[Authorized Signatory]

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## Test Report

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Page 2 of 2

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2201251402<br><b>Sample Reg. Date</b> :25-01-2022<br><b>Report Date</b> :03-02-2022<br><b>Report No.</b> :ICE-2202030405<br><b>NABL ULR No.</b> :TC592622000001996F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

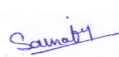
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| e. | Ozone(O <sub>3</sub> ),µg/m <sup>3</sup>                   | IS:5182(P-9)                                      | 180 Max | BLQ(LOQ: 14)  |
| f. | Lead(As Pb),µg/m <sup>3</sup>                              | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max | BLQ(LOQ:0.1)  |
| g. | Carbon Monoxide(CO),mg/m <sup>3</sup>                      | IS:5182(P-10)                                     | 4 Max   | 1.3           |
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | BLQ(LOQ: 5.0) |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ(LOQ: 1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE** : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per NAAQS 2009.  
Sampling Procedure: SOP/ITC/EW/056

**REMARKS** :N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
03-02-2022  
Reviewer

  
03-02-2022  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
Panchkula-134109 (Haryana)  
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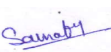
## Test Report

Document QF : 2501  
Page 1 of 2

|                                                                                                             |                                                                                                                                                                                                                                                                                            |
|-------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> : E01-2201251403<br><b>Sample Reg. Date</b> : 25-01-2022<br><b>Report Date</b> : 03-02-2022<br><b>Report No.</b> : ICE-2202030406<br><b>NABL ULR No.</b> : TC592622000001997F<br><b>Customer Ref. No.</b> : Order No.5030010814<br><b>Letter Dated</b> : 29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                 |                       |
|-------------------------------------------------|-----------------------|
| <b>Test Report as per :</b>                     | : NAAQS 2009          |
| <b>General Information :</b>                    |                       |
| Location of Sampling Point                      | : Near Shakti Vihar   |
| Date of Monitoring                              | : 20-01-2022          |
| Time of Monitoring                              | : 11:00 hrs           |
| Purpose of Monitoring                           | : For Self Monitoring |
| Duration of Monitoring, minutes                 | : 1440                |
| Avg. Flow Rate of Sampling, m <sup>3</sup> /min | : 1.32                |
| Volume of air sampled, m <sup>3</sup>           | : 1942.01             |
| Avg. Ambient Temperature, °C                    | : 11                  |

| <b>Description</b> |                                                            |                                |               |        |
|--------------------|------------------------------------------------------------|--------------------------------|---------------|--------|
| Description        |                                                            | Ambient Air Quality Monitoring |               |        |
| S.No.              | Parameters                                                 | Method                         | Specification | Result |
|                    | <b>Discipline : Chemical</b>                               |                                |               |        |
|                    | <b>Group : Atmospheric Pollution</b>                       |                                |               |        |
| 1.                 | <b>Ambient Air Quality Parameters</b>                      |                                |               |        |
| a.                 | Sulphur Dioxide(SO <sub>2</sub> ), µg/m <sup>3</sup>       | IS:5182(P-2)                   | 80 Max        | 9.49   |
| b.                 | Nitrogen Dioxide(NO <sub>2</sub> ), µg/m <sup>3</sup>      | IS:5182(P-6)                   | 80 Max        | 15.34  |
| c.                 | Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>  | IS:5182(P-23)                  | 100 Max       | 80.38  |
| d.                 | Particulate matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup> | STP/ITC/EW-01                  | 60 Max        | 33.25  |

  
Saurabh Sharma  
03-02-2022  
Reviewer

  
03-02-2022  
PremKumar  
[Authorized Signatory]

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## Test Report

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2201251403<br><b>Sample Reg. Date</b> :25-01-2022<br><b>Report Date</b> :03-02-2022<br><b>Report No.</b> :ICE-2202030406<br><b>NABL ULR No.</b> :TC592622000001997F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

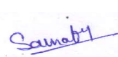
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| e. | Ozone(O <sub>3</sub> ),µg/m <sup>3</sup>                   | IS:5182(P-9)                                      | 180 Max | BLQ(LOQ: 14)  |
| f. | Lead(As Pb),µg/m <sup>3</sup>                              | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max | BLQ(LOQ:0.1)  |
| g. | Carbon Monoxide(CO),mg/m <sup>3</sup>                      | IS:5182(P-10)                                     | 4 Max   | BLQ(LOQ: 1.0) |
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | BLQ(LOQ: 5.0) |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ(LOQ: 1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE** : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per NAAQS 2009.  
Sampling Procedure: SOP/ITC/EW/056

**REMARKS** :N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
03-02-2022  
Reviewer

  
03-02-2022  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
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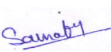
## Test Report

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2201311669<br><b>Sample Reg. Date</b> :31-01-2022<br><b>Report Date</b> :04-02-2022<br><b>Report No.</b> :ICE-2202040511<br><b>NABL ULR No.</b> :TC592622000002070F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                   |                       |
|-----------------------------------|-----------------------|
| <b>Test Report as per :</b>       | : NAAQS 2009          |
| <b>General Information :</b>      |                       |
| Location of Sampling Point        | : Near Gate No.3      |
| Date of Monitoring                | : 24-01-2022          |
| Time of Monitoring                | : 10:40 hrs           |
| Purpose of Monitoring             | : For Self Monitoring |
| Duration of Monitoring,minutes    | : 1440                |
| Avg. Flow Rate of Sampling,m3/min | : 1.32                |
| Volume of air sampled,m3          | : 1928.43             |
| Avg. Ambient Temperature,°C       | : 13                  |

| <b>Description</b> |                                                           |                                |               |        |
|--------------------|-----------------------------------------------------------|--------------------------------|---------------|--------|
| Description        |                                                           | Ambient Air Quality Monitoring |               |        |
| S.No.              | Parameters                                                | Method                         | Specification | Result |
|                    | <b>Discipline : Chemical</b>                              |                                |               |        |
|                    | <b>Group : Atmospheric Pollution</b>                      |                                |               |        |
| 1.                 | <b>Ambient Air Quality Parameters</b>                     |                                |               |        |
| a.                 | Sulphur Dioxide(SO <sub>2</sub> ),µg/m <sup>3</sup>       | IS:5182(P-2)                   | 80 Max        | 10.07  |
| b.                 | Nitrogen Dioxide(NO <sub>2</sub> ),µg/m <sup>3</sup>      | IS:5182(P-6)                   | 80 Max        | 15.39  |
| c.                 | Particulate Matter (PM <sub>10</sub> ),µg/m <sup>3</sup>  | IS:5182(P-23)                  | 100 Max       | 95.66  |
| d.                 | Particulate matter (PM <sub>2.5</sub> ),µg/m <sup>3</sup> | STP/ITC/EW-01                  | 60 Max        | 51.77  |

  
Saurabh Sharma  
04-02-2022  
Reviewer

  
04-02-2022  
PremKumar  
[Authorized Signatory]

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## Test Report

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2201311669<br><b>Sample Reg. Date</b> :31-01-2022<br><b>Report Date</b> :04-02-2022<br><b>Report No.</b> :ICE-2202040511<br><b>NABL ULR No.</b> :TC592622000002070F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

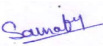
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| e. | Ozone(O <sub>3</sub> ),µg/m <sup>3</sup>                   | IS:5182(P-9)                                      | 180 Max | BLQ(LOQ: 14)  |
| f. | Lead(As Pb),µg/m <sup>3</sup>                              | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max | BLQ(LOQ:0.1)  |
| g. | Carbon Monoxide(CO),mg/m <sup>3</sup>                      | IS:5182(P-10)                                     | 4 Max   | 1.4           |
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | BLQ(LOQ: 5.0) |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ(LOQ: 1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE** : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per NAAQS 2009.  
Sampling Procedure: SOP/ITC/EW/056

**REMARKS** :N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
04-02-2022  
Reviewer

  
04-02-2022  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
Panchkula-134109 (Haryana)  
Phone : (O) 0172-2561543, 2565825  
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Visit us :www.itclabs.com

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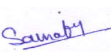
## Test Report

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|                                                                                                             |                                                                                                                                                                                                                                                                                            |
|-------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> : E01-2201311668<br><b>Sample Reg. Date</b> : 31-01-2022<br><b>Report Date</b> : 04-02-2022<br><b>Report No.</b> : ICE-2202040510<br><b>NABL ULR No.</b> : TC592622000002069F<br><b>Customer Ref. No.</b> : Order No.5030010814<br><b>Letter Dated</b> : 29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                 |                       |
|-------------------------------------------------|-----------------------|
| <b>Test Report as per :</b>                     | : NAAQS 2009          |
| <b>General Information :</b>                    |                       |
| Location of Sampling Point                      | : Near Block C-6      |
| Date of Monitoring                              | : 24-01-2022          |
| Time of Monitoring                              | : 11:00 hrs           |
| Purpose of Monitoring                           | : For Self Monitoring |
| Duration of Monitoring, minutes                 | : 1440                |
| Avg. Flow Rate of Sampling, m <sup>3</sup> /min | : 1.34                |
| Volume of air sampled, m <sup>3</sup>           | : 1978.41             |
| Avg. Ambient Temperature, °C                    | : 10                  |

| <b>Description</b> |                                                            |                                |               |        |
|--------------------|------------------------------------------------------------|--------------------------------|---------------|--------|
| Description        |                                                            | Ambient Air Quality Monitoring |               |        |
| S.No.              | Parameters                                                 | Method                         | Specification | Result |
|                    | <b>Discipline : Chemical</b>                               |                                |               |        |
|                    | <b>Group : Atmospheric Pollution</b>                       |                                |               |        |
| 1.                 | <b>Ambient Air Quality Parameters</b>                      |                                |               |        |
| a.                 | Sulphur Dioxide(SO <sub>2</sub> ), µg/m <sup>3</sup>       | IS:5182(P-2)                   | 80 Max        | 7.97   |
| b.                 | Nitrogen Dioxide(NO <sub>2</sub> ), µg/m <sup>3</sup>      | IS:5182(P-6)                   | 80 Max        | 10.19  |
| c.                 | Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>  | IS:5182(P-23)                  | 100 Max       | 127.23 |
| d.                 | Particulate matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup> | STP/ITC/EW-01                  | 60 Max        | 57.04  |

  
Saurabh Sharma  
04-02-2022  
Reviewer

  
04-02-2022  
PremKumar  
[Authorized Signatory]

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## Test Report

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Page 2 of 2

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2201311668<br><b>Sample Reg. Date</b> :31-01-2022<br><b>Report Date</b> :04-02-2022<br><b>Report No.</b> :ICE-2202040510<br><b>NABL ULR No.</b> :TC592622000002069F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

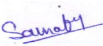
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| e. | Ozone(O <sub>3</sub> ),µg/m <sup>3</sup>                   | IS:5182(P-9)                                      | 180 Max | 15.19         |
| f. | Lead(As Pb),µg/m <sup>3</sup>                              | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max | BLQ(LOQ:0.1)  |
| g. | Carbon Monoxide(CO),mg/m <sup>3</sup>                      | IS:5182(P-10)                                     | 4 Max   | BLQ(LOQ: 1.0) |
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | BLQ(LOQ: 5.0) |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ(LOQ: 1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE** : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per NAAQS 2009.  
Sampling Procedure: SOP/ITC/EW/056

**REMARKS** :N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
04-02-2022  
Reviewer

  
04-02-2022  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
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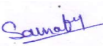


## Test Report

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2201311670<br><b>Sample Reg. Date</b> :31-01-2022<br><b>Report Date</b> :04-02-2022<br><b>Report No.</b> :ICE-2202040512<br><b>NABL ULR No.</b> :TC592622000002071F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                   |                       |
|-----------------------------------|-----------------------|
| <b>Test Report as per :</b>       | : NAAQS 2009          |
| <b>General Information :</b>      |                       |
| Location of Sampling Point        | : Village-Khanpur     |
| Date of Monitoring                | : 24-01-2022          |
| Time of Monitoring                | : 10:30 hrs           |
| Purpose of Monitoring             | : For Self monitoring |
| Duration of Monitoring,minutes    | : 1440                |
| Avg. Flow Rate of Sampling,m3/min | : 1.33                |
| Volume of air sampled,m3          | : 1936.27             |
| Avg. Ambient Temperature,°C       | : 14                  |

| Description |                                   |                                |               |        |
|-------------|-----------------------------------|--------------------------------|---------------|--------|
| Description |                                   | Ambient Air Quality Monitoring |               |        |
|             |                                   |                                |               |        |
| S.No.       | Parameters                        | Method                         | Specification | Result |
|             | Discipline : Chemical             |                                |               |        |
|             | Group : Atmospheric Pollution     |                                |               |        |
| 1.          | Ambient Air Quality Parameters    |                                |               |        |
| a.          | Sulphur Dioxide(SO2),µg/m3        | IS:5182(P-2)                   | 80 Max        | 12.59  |
| b.          | Nitrogen Dioxide(NO2),µg/m3       | IS:5182(P-6)                   | 80 Max        | 18.91  |
| c.          | Particulate Matter (PM10),µg/m3   | IS:5182(P-23)                  | 100 Max       | 100.44 |
| d.          | Particulate matter (PM 2.5),µg/m3 | STP/ITC/EW-01                  | 60 Max        | 56.40  |

  
Saurabh Sharma  
04-02-2022  
Reviewer

  
04-02-2022  
PremKumar  
[Authorized Signatory]

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## Test Report

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2201311670<br><b>Sample Reg. Date</b> :31-01-2022<br><b>Report Date</b> :04-02-2022<br><b>Report No.</b> :ICE-2202040512<br><b>NABL ULR No.</b> :TC592622000002071F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

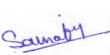
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| e. | Ozone(O <sub>3</sub> ),µg/m <sup>3</sup>                   | IS:5182(P-9)                                      | 180 Max | BLQ(LOQ: 14)  |
| f. | Lead(As Pb),µg/m <sup>3</sup>                              | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max | BLQ(LOQ:0.1)  |
| g. | Carbon Monoxide(CO),mg/m <sup>3</sup>                      | IS:5182(P-10)                                     | 4 Max   | 1.1           |
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | BLQ(LOQ: 5.0) |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ(LOQ: 1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE** : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per NAAQS 2009.  
Sampling Procedure: SOP/ITC/EW/056

**REMARKS** :N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
04-02-2022  
Reviewer

  
04-02-2022  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
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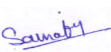
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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2201311671<br><b>Sample Reg. Date</b> :31-01-2022<br><b>Report Date</b> :04-02-2022<br><b>Report No.</b> :ICE-2202040513<br><b>NABL ULR No.</b> :TC592622000002072F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                   |                       |
|-----------------------------------|-----------------------|
| <b>Test Report as per :</b>       | : NAAQS 2009          |
| <b>General Information :</b>      |                       |
| Location of Sampling Point        | : Near Shakti Vihar   |
| Date of Monitoring                | : 24-01-2022          |
| Time of Monitoring                | : 11:20 hrs           |
| Purpose of Monitoring             | : For Self Monitoring |
| Duration of Monitoring,minutes    | : 1440                |
| Avg. Flow Rate of Sampling,m3/min | : 1.33                |
| Volume of air sampled,m3          | : 1963.64             |
| Avg. Ambient Temperature,°C       | : 10                  |

| <b>Description</b> |                                                           |                                |               |        |
|--------------------|-----------------------------------------------------------|--------------------------------|---------------|--------|
| Description        |                                                           | Ambient Air Quality Monitoring |               |        |
| S.No.              | Parameters                                                | Method                         | Specification | Result |
|                    | <b>Discipline : Chemical</b>                              |                                |               |        |
|                    | <b>Group : Atmospheric Pollution</b>                      |                                |               |        |
| 1.                 | <b>Ambient Air Quality Parameters</b>                     |                                |               |        |
| a.                 | Sulphur Dioxide(SO <sub>2</sub> ),µg/m <sup>3</sup>       | IS:5182(P-2)                   | 80 Max        | 10.07  |
| b.                 | Nitrogen Dioxide(NO <sub>2</sub> ),µg/m <sup>3</sup>      | IS:5182(P-6)                   | 80 Max        | 15.39  |
| c.                 | Particulate Matter (PM <sub>10</sub> ),µg/m <sup>3</sup>  | IS:5182(P-23)                  | 100 Max       | 95.66  |
| d.                 | Particulate matter (PM <sub>2.5</sub> ),µg/m <sup>3</sup> | STP/ITC/EW-01                  | 60 Max        | 51.77  |

  
Saurabh Sharma  
04-02-2022  
Reviewer

  
04-02-2022  
PremKumar  
[Authorized Signatory]

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Page 2 of 2

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2201311671<br><b>Sample Reg. Date</b> :31-01-2022<br><b>Report Date</b> :04-02-2022<br><b>Report No.</b> :ICE-2202040513<br><b>NABL ULR No.</b> :TC592622000002072F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

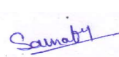
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| e. | Ozone(O <sub>3</sub> ),µg/m <sup>3</sup>                   | IS:5182(P-9)                                      | 180 Max | BLQ(LOQ: 14)  |
| f. | Lead(As Pb),µg/m <sup>3</sup>                              | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max | BLQ(LOQ:0.1)  |
| g. | Carbon Monoxide(CO),mg/m <sup>3</sup>                      | IS:5182(P-10)                                     | 4 Max   | BLQ(LOQ: 1.0) |
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | BLQ(LOQ: 5.0) |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ(LOQ: 1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

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**NOTE** : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per NAAQS 2009.  
Sampling Procedure: SOP/ITC/EW/056

**REMARKS** :N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
04-02-2022  
Reviewer

  
04-02-2022  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
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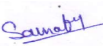
## Test Report

Document QF : 2501  
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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2201311673<br><b>Sample Reg. Date</b> :31-01-2022<br><b>Report Date</b> :03-02-2022<br><b>Report No.</b> :ICE-2202030397<br><b>NABL ULR No.</b> :TC592622000001990F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                   |                       |
|-----------------------------------|-----------------------|
| <b>Test Report as per :</b>       | : NAAQS 2009          |
| <b>General Information :</b>      |                       |
| Location of Sampling Point        | : Near Gate No.3      |
| Date of Monitoring                | : 27-01-2022          |
| Time of Monitoring                | : 10:40 hrs           |
| Purpose of Monitoring             | : For Self Monitoring |
| Duration of Monitoring,minutes    | : 1440                |
| Avg. Flow Rate of Sampling,m3/min | : 1.34                |
| Volume of air sampled,m3          | : 1978.41             |
| Avg. Ambient Temperature,°C       | : 10                  |

| Description |                                               |                                |               |        |
|-------------|-----------------------------------------------|--------------------------------|---------------|--------|
| Description |                                               | Ambient Air Quality Monitoring |               |        |
|             |                                               |                                |               |        |
| S.No.       | Parameters                                    | Method                         | Specification | Result |
|             | Discipline : Chemical                         |                                |               |        |
|             | Group : Atmospheric Pollution                 |                                |               |        |
| 1.          | Ambient Air Quality Parameters                |                                |               |        |
| a.          | Sulphur Dioxide(SO2),µg/m3                    | IS:5182(P-2)                   | 80 Max        | 12.59  |
| b.          | Nitrogen Dioxide(NO2),µg/m3                   | IS:5182(P-6)                   | 80 Max        | 17.88  |
| c.          | Particulate Matter (PM <sub>10</sub> ),µg/m3  | IS:5182(P-23)                  | 100 Max       | 98.88  |
| d.          | Particulate matter (PM <sub>2.5</sub> ),µg/m3 | STP/ITC/EW-01                  | 60 Max        | 50.08  |

  
Saurabh Sharma  
03-02-2022  
Reviewer

  
03-02-2022  
PremKumar  
[Authorized Signatory]

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## Test Report

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2201311673<br><b>Sample Reg. Date</b> :31-01-2022<br><b>Report Date</b> :03-02-2022<br><b>Report No.</b> :ICE-2202030397<br><b>NABL ULR No.</b> :TC592622000001990F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

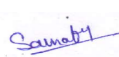
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| e. | Ozone(O <sub>3</sub> ),µg/m <sup>3</sup>                   | IS:5182(P-9)                                      | 180 Max | BLQ(LOQ: 14)  |
| f. | Lead(As Pb),µg/m <sup>3</sup>                              | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max | BLQ(LOQ:0.1)  |
| g. | Carbon Monoxide(CO),mg/m <sup>3</sup>                      | IS:5182(P-10)                                     | 4 Max   | 1.2           |
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | BLQ(LOQ: 5.0) |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ(LOQ: 1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE** : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per NAAQS 2009.  
Sampling Procedure: SOP/ITC/EW/056

**REMARKS** :N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
03-02-2022  
Reviewer

  
03-02-2022  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
Panchkula-134109 (Haryana)  
Phone : (O) 0172-2561543, 2565825  
Email : customersupport@itclabs.com  
Visit us :www.itclabs.com

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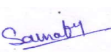
## Test Report

Document QF : 2501  
Page 1 of 2

|                                                                                                             |                                                                                                                                                                                                                                                                                            |
|-------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> : E01-2201311672<br><b>Sample Reg. Date</b> : 31-01-2022<br><b>Report Date</b> : 04-02-2022<br><b>Report No.</b> : ICE-2202040514<br><b>NABL ULR No.</b> : TC592622000002073F<br><b>Customer Ref. No.</b> : Order No.5030010814<br><b>Letter Dated</b> : 29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                 |                       |
|-------------------------------------------------|-----------------------|
| <b>Test Report as per :</b>                     | : NAAQS 2009          |
| <b>General Information :</b>                    |                       |
| Location of Sampling Point                      | : Near Block C-7      |
| Date of Monitoring                              | : 27-01-2022          |
| Time of Monitoring                              | : 10:55 hrs           |
| Purpose of Monitoring                           | : For Self Monitoring |
| Duration of Monitoring, minutes                 | : 1440                |
| Avg. Flow Rate of Sampling, m <sup>3</sup> /min | : 1.33                |
| Volume of air sampled, m <sup>3</sup>           | : 1963.64             |
| Avg. Ambient Temperature, °C                    | : 10                  |

| <b>Description</b> |                                                            |                                |               |        |
|--------------------|------------------------------------------------------------|--------------------------------|---------------|--------|
| Description        |                                                            | Ambient Air Quality Monitoring |               |        |
| S.No.              | Parameters                                                 | Method                         | Specification | Result |
|                    | <b>Discipline : Chemical</b>                               |                                |               |        |
|                    | <b>Group : Atmospheric Pollution</b>                       |                                |               |        |
| 1.                 | <b>Ambient Air Quality Parameters</b>                      |                                |               |        |
| a.                 | Sulphur Dioxide(SO <sub>2</sub> ), µg/m <sup>3</sup>       | IS:5182(P-2)                   | 80 Max        | 6.97   |
| b.                 | Nitrogen Dioxide(NO <sub>2</sub> ), µg/m <sup>3</sup>      | IS:5182(P-6)                   | 80 Max        | 10.19  |
| c.                 | Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>  | IS:5182(P-23)                  | 100 Max       | 142.05 |
| d.                 | Particulate matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup> | STP/ITC/EW-01                  | 60 Max        | 67.40  |

  
Saurabh Sharma  
04-02-2022  
Reviewer

  
04-02-2022  
PremKumar  
[Authorized Signatory]

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## Test Report

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2201311672<br><b>Sample Reg. Date</b> :31-01-2022<br><b>Report Date</b> :04-02-2022<br><b>Report No.</b> :ICE-2202040514<br><b>NABL ULR No.</b> :TC592622000002073F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

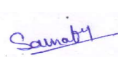
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| e. | Ozone(O <sub>3</sub> ),µg/m <sup>3</sup>                   | IS:5182(P-9)                                      | 180 Max | 16.25         |
| f. | Lead(As Pb),µg/m <sup>3</sup>                              | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max | BLQ(LOQ:0.1)  |
| g. | Carbon Monoxide(CO),mg/m <sup>3</sup>                      | IS:5182(P-10)                                     | 4 Max   | BLQ(LOQ: 1.0) |
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | BLQ(LOQ: 5.0) |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ(LOQ: 1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE** : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per NAAQS 2009.  
Sampling Procedure: SOP/ITC/EW/056

**REMARKS** :N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
04-02-2022  
Reviewer

  
04-02-2022  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
Panchkula-134109 (Haryana)  
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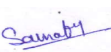
## Test Report

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|                                                                                                             |                                                                                                                                                                                                                                                                                            |
|-------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> : E01-2201311674<br><b>Sample Reg. Date</b> : 31-01-2022<br><b>Report Date</b> : 03-02-2022<br><b>Report No.</b> : ICE-2202030398<br><b>NABL ULR No.</b> : TC592622000001991F<br><b>Customer Ref. No.</b> : Order No.5030010814<br><b>Letter Dated</b> : 29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                 |                       |
|-------------------------------------------------|-----------------------|
| <b>Test Report as per :</b>                     | : NAAQS 2009          |
| <b>General Information :</b>                    |                       |
| Location of Sampling Point                      | : Village-Khanpur     |
| Date of Monitoring                              | : 27-01-2022          |
| Time of Monitoring                              | : 10:30 hrs           |
| Purpose of Monitoring                           | : For Self Monitoring |
| Duration of Monitoring, minutes                 | : 1440                |
| Avg. Flow Rate of Sampling, m <sup>3</sup> /min | : 1.34                |
| Volume of air sampled, m <sup>3</sup>           | : 1985.42             |
| Avg. Ambient Temperature, °C                    | : 9                   |

| <b>Description</b> |                                                            |                                |               |        |
|--------------------|------------------------------------------------------------|--------------------------------|---------------|--------|
| Description        |                                                            | Ambient Air Quality Monitoring |               |        |
| S.No.              | Parameters                                                 | Method                         | Specification | Result |
|                    | <b>Discipline : Chemical</b>                               |                                |               |        |
|                    | <b>Group : Atmospheric Pollution</b>                       |                                |               |        |
| 1.                 | <b>Ambient Air Quality Parameters</b>                      |                                |               |        |
| a.                 | Sulphur Dioxide(SO <sub>2</sub> ), µg/m <sup>3</sup>       | IS:5182(P-2)                   | 80 Max        | 15.11  |
| b.                 | Nitrogen Dioxide(NO <sub>2</sub> ), µg/m <sup>3</sup>      | IS:5182(P-6)                   | 80 Max        | 22.43  |
| c.                 | Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>  | IS:5182(P-23)                  | 100 Max       | 108.19 |
| d.                 | Particulate matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup> | STP/ITC/EW-01                  | 60 Max        | 54.29  |

  
Saurabh Sharma  
03-02-2022  
Reviewer

  
03-02-2022  
PremKumar  
[Authorized Signatory]

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## Test Report

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2201311674<br><b>Sample Reg. Date</b> :31-01-2022<br><b>Report Date</b> :03-02-2022<br><b>Report No.</b> :ICE-2202030398<br><b>NABL ULR No.</b> :TC592622000001991F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
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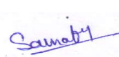
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| e. | Ozone(O <sub>3</sub> ),µg/m <sup>3</sup>                   | IS:5182(P-9)                                      | 180 Max | 20.24         |
| f. | Lead(As Pb),µg/m <sup>3</sup>                              | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max | BLQ(LOQ:0.1)  |
| g. | Carbon Monoxide(CO),mg/m <sup>3</sup>                      | IS:5182(P-10)                                     | 4 Max   | 1.3           |
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | BLQ(LOQ: 5.0) |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ(LOQ: 1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE** : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per NAAQS 2009.  
Sampling Procedure: SOP/ITC/EW/056

**REMARKS** :N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
03-02-2022  
Reviewer

  
03-02-2022  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
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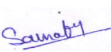
## Test Report

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2201311675<br><b>Sample Reg. Date</b> :31-01-2022<br><b>Report Date</b> :03-02-2022<br><b>Report No.</b> :ICE-2202030399<br><b>NABL ULR No.</b> :TC592622000001993F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                   |                       |
|-----------------------------------|-----------------------|
| <b>Test Report as per :</b>       | : NAAQS 2009          |
| <b>General Information :</b>      |                       |
| Location of Sampling Point        | : Near Shakti Vihar   |
| Date of Monitoring                | : 27-01-2022          |
| Time of Monitoring                | : 11:20 hrs           |
| Purpose of Monitoring             | : For Self Monitoring |
| Duration of Monitoring,minutes    | : 1440                |
| Avg. Flow Rate of Sampling,m3/min | : 1.34                |
| Volume of air sampled,m3          | : 1971.44             |
| Avg. Ambient Temperature,°C       | : 11                  |

| <b>Description</b>                   |                                                           |                                |               |        |
|--------------------------------------|-----------------------------------------------------------|--------------------------------|---------------|--------|
| Description                          |                                                           | Ambient Air Quality Monitoring |               |        |
| S.No.                                | Parameters                                                | Method                         | Specification | Result |
| <b>Discipline : Chemical</b>         |                                                           |                                |               |        |
| <b>Group : Atmospheric Pollution</b> |                                                           |                                |               |        |
| <b>1.</b>                            | <b>Ambient Air Quality Parameters</b>                     |                                |               |        |
| a.                                   | Sulphur Dioxide(SO <sub>2</sub> ),µg/m <sup>3</sup>       | IS:5182(P-2)                   | 80 Max        | 5.48   |
| b.                                   | Nitrogen Dioxide(NO <sub>2</sub> ),µg/m <sup>3</sup>      | IS:5182(P-6)                   | 80 Max        | 8.92   |
| c.                                   | Particulate Matter (PM <sub>10</sub> ),µg/m <sup>3</sup>  | IS:5182(P-23)                  | 100 Max       | 78.63  |
| d.                                   | Particulate matter (PM <sub>2.5</sub> ),µg/m <sup>3</sup> | STP/ITC/EW-01                  | 60 Max        | 37.04  |

  
Saurabh Sharma  
03-02-2022  
Reviewer

  
03-02-2022  
PremKumar  
[Authorized Signatory]

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## Test Report

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2201311675<br><b>Sample Reg. Date</b> :31-01-2022<br><b>Report Date</b> :03-02-2022<br><b>Report No.</b> :ICE-2202030399<br><b>NABL ULR No.</b> :TC592622000001993F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

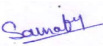
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| e. | Ozone(O <sub>3</sub> ),µg/m <sup>3</sup>                   | IS:5182(P-9)                                      | 180 Max | BLQ(LOQ: 14)  |
| f. | Lead(As Pb),µg/m <sup>3</sup>                              | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max | BLQ(LOQ:0.1)  |
| g. | Carbon Monoxide(CO),mg/m <sup>3</sup>                      | IS:5182(P-10)                                     | 4 Max   | BLQ(LOQ: 1.0) |
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | BLQ(LOQ: 5.0) |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ(LOQ: 1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE** : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per NAAQS 2009.  
Sampling Procedure: SOP/ITC/EW/056

**REMARKS** :N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
03-02-2022  
Reviewer

  
03-02-2022  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
Panchkula-134109 (Haryana)  
Phone : (O) 0172-2561543, 2565825  
Email : customersupport@itclabs.com  
Visit us :www.itclabs.com

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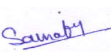
## Test Report

Document QF : 2501  
Page 1 of 2

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2202080380<br><b>Sample Reg. Date</b> :08-02-2022<br><b>Report Date</b> :15-02-2022<br><b>Report No.</b> :ICE-2202150875<br><b>NABL ULR No.</b> :TC592622000002550F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                   |                       |
|-----------------------------------|-----------------------|
| <b>Test Report as per :</b>       | : NAAQS 2009          |
| <b>General Information :</b>      |                       |
| Location of Sampling Point        | : Near Shakti Vihar   |
| Date of Monitoring                | : 31-01-2022          |
| Time of Monitoring                | : 11:20 hrs           |
| Purpose of Monitoring             | : For Self Monitoring |
| Duration of Monitoring,minutes    | : 1440                |
| Avg. Flow Rate of Sampling,m3/min | : 1.32                |
| Volume of air sampled,m3          | : 1935.20             |
| Avg. Ambient Temperature,°C       | : 12                  |

| <b>Description</b> |                                                           |                                |               |        |
|--------------------|-----------------------------------------------------------|--------------------------------|---------------|--------|
| Description        |                                                           | Ambient Air Quality Monitoring |               |        |
| S.No.              | Parameters                                                | Method                         | Specification | Result |
|                    | <b>Discipline : Chemical</b>                              |                                |               |        |
|                    | <b>Group : Atmospheric Pollution</b>                      |                                |               |        |
| 1.                 | <b>Ambient Air Quality Parameters</b>                     |                                |               |        |
| a.                 | Sulphur Dioxide(SO <sub>2</sub> ),µg/m <sup>3</sup>       | IS:5182(P-2)                   | 80 Max        | 8.21   |
| b.                 | Nitrogen Dioxide(NO <sub>2</sub> ),µg/m <sup>3</sup>      | IS:5182(P-6)                   | 80 Max        | 16.42  |
| c.                 | Particulate Matter (PM <sub>10</sub> ),µg/m <sup>3</sup>  | IS:5182(P-23)                  | 100 Max       | 88.21  |
| d.                 | Particulate matter (PM <sub>2.5</sub> ),µg/m <sup>3</sup> | STP/ITC/EW-01                  | 60 Max        | 40.40  |

  
Saurabh Sharma  
15-02-2022  
Reviewer

  
15-02-2022  
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[Authorized Signatory]

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## Test Report

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2202080380<br><b>Sample Reg. Date</b> :08-02-2022<br><b>Report Date</b> :15-02-2022<br><b>Report No.</b> :ICE-2202150875<br><b>NABL ULR No.</b> :TC592622000002550F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
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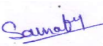
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| e. | Ozone(O <sub>3</sub> ),µg/m <sup>3</sup>                   | IS:5182(P-9)                                      | 180 Max | 15.26         |
| f. | Lead(As Pb),µg/m <sup>3</sup>                              | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max | BLQ(LOQ:0.1)  |
| g. | Carbon Monoxide(CO),mg/m <sup>3</sup>                      | IS:5182(P-10)                                     | 4 Max   | BLQ(LOQ: 1.0) |
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | 17.60         |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ(LOQ: 1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE** : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per NAAQS 2009.  
Sampling Procedure: SOP/ITC/EW/056

**REMARKS** :N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
15-02-2022  
Reviewer

  
15-02-2022  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
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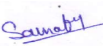
## Test Report

Document QF : 2501  
Page 1 of 2

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2202080378<br><b>Sample Reg. Date</b> :08-02-2022<br><b>Report Date</b> :15-02-2022<br><b>Report No.</b> :ICE-2202150873<br><b>NABL ULR No.</b> :TC592622000002581F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                   |                       |
|-----------------------------------|-----------------------|
| <b>Test Report as per :</b>       | : NAAQS 2009          |
| <b>General Information :</b>      |                       |
| Location of Sampling Point        | : Near Gate No.3      |
| Date of Monitoring                | : 31-01-2022          |
| Time of Monitoring                | : 10:55 hrs           |
| Purpose of Monitoring             | : For Self Monitoring |
| Duration of Monitoring,minutes    | : 1440                |
| Avg. Flow Rate of Sampling,m3/min | : 1.33                |
| Volume of air sampled,m3          | : 1943.04             |
| Avg. Ambient Temperature,°C       | : 13                  |

| <b>Description</b> |                                                           |                                |               |        |
|--------------------|-----------------------------------------------------------|--------------------------------|---------------|--------|
| Description        |                                                           | Ambient Air Quality Monitoring |               |        |
| S.No.              | Parameters                                                | Method                         | Specification | Result |
|                    | <b>Discipline : Chemical</b>                              |                                |               |        |
|                    | <b>Group : Atmospheric Pollution</b>                      |                                |               |        |
| 1.                 | <b>Ambient Air Quality Parameters</b>                     |                                |               |        |
| a.                 | Sulphur Dioxide(SO <sub>2</sub> ),µg/m <sup>3</sup>       | IS:5182(P-2)                   | 80 Max        | 7.07   |
| b.                 | Nitrogen Dioxide(NO <sub>2</sub> ),µg/m <sup>3</sup>      | IS:5182(P-6)                   | 80 Max        | 17.36  |
| c.                 | Particulate Matter (PM <sub>10</sub> ),µg/m <sup>3</sup>  | IS:5182(P-23)                  | 100 Max       | 115.33 |
| d.                 | Particulate matter (PM <sub>2.5</sub> ),µg/m <sup>3</sup> | STP/ITC/EW-01                  | 60 Max        | 45.45  |

  
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15-02-2022  
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## Test Report

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2202080378<br><b>Sample Reg. Date</b> :08-02-2022<br><b>Report Date</b> :15-02-2022<br><b>Report No.</b> :ICE-2202150873<br><b>NABL ULR No.</b> :TC592622000002581F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

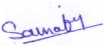
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| e. | Ozone(O <sub>3</sub> ),µg/m <sup>3</sup>                   | IS:5182(P-9)                                      | 180 Max | 16.41         |
| f. | Lead(As Pb),µg/m <sup>3</sup>                              | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max | BLQ(LOQ:0.1)  |
| g. | Carbon Monoxide(CO),mg/m <sup>3</sup>                      | IS:5182(P-10)                                     | 4 Max   | 1.4           |
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | 22.14         |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ(LOQ: 1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE** : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per NAAQS 2009.  
Sampling Procedure: SOP/ITC/EW/056

**REMARKS** :N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
15-02-2022  
Reviewer

  
15-02-2022  
PremKumar  
[Authorized Signatory]

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
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|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                   |                       |
|-----------------------------------|-----------------------|
| <b>Test Report as per :</b>       | : NAAQS 2009          |
| <b>General Information :</b>      |                       |
| Location of Sampling Point        | : Near Block C-7      |
| Date of Monitoring                | : 31-01-2022          |
| Time of Monitoring                | : 11:10 Hrs           |
| Purpose of Monitoring             | : For Self Monitoring |
| Duration of Monitoring,minutes    | : 1440                |
| Avg. Flow Rate of Sampling,m3/min | : 1.33                |
| Volume of air sampled,m3          | : 1943.04             |
| Avg. Ambient Temperature,°C       | : 13                  |

| <b>Description</b> |                                                           |                                |               |        |
|--------------------|-----------------------------------------------------------|--------------------------------|---------------|--------|
| Description        |                                                           | Ambient Air Quality Monitoring |               |        |
| S.No.              | Parameters                                                | Method                         | Specification | Result |
|                    | <b>Discipline : Chemical</b>                              |                                |               |        |
|                    | <b>Group : Atmospheric Pollution</b>                      |                                |               |        |
| 1.                 | <b>Ambient Air Quality Parameters</b>                     |                                |               |        |
| a.                 | Sulphur Dioxide(SO <sub>2</sub> ),µg/m <sup>3</sup>       | IS:5182(P-2)                   | 80 Max        | 12.37  |
| b.                 | Nitrogen Dioxide(NO <sub>2</sub> ),µg/m <sup>3</sup>      | IS:5182(P-6)                   | 80 Max        | 18.26  |
| c.                 | Particulate Matter (PM <sub>10</sub> ),µg/m <sup>3</sup>  | IS:5182(P-23)                  | 100 Max       | 128.30 |
| d.                 | Particulate matter (PM <sub>2.5</sub> ),µg/m <sup>3</sup> | STP/ITC/EW-01                  | 60 Max        | 54.29  |

Saurabh Sharma  
15-02-2022  
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2202080377<br><b>Sample Reg. Date</b> :08-02-2022<br><b>Report Date</b> :15-02-2022<br><b>Report No.</b> :ICE-2202150872<br><b>NABL ULR No.</b> :TC592622000002583F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

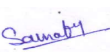
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| e. | Ozone(O <sub>3</sub> ),µg/m <sup>3</sup>                   | IS:5182(P-9)                                      | 180 Max | 19.50         |
| f. | Lead(As Pb),µg/m <sup>3</sup>                              | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max | BLQ(LOQ:0.1)  |
| g. | Carbon Monoxide(CO),mg/m <sup>3</sup>                      | IS:5182(P-10)                                     | 4 Max   | 1.2           |
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | 22.14         |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ(LOQ: 1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

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**NOTE** : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per NAAQS 2009.  
Sampling Procedure: SOP/ITC/EW/056

**REMARKS** :N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
15-02-2022  
Reviewer

  
15-02-2022  
PremKumar  
[Authorized Signatory]

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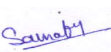
## Test Report

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2202080379<br><b>Sample Reg. Date</b> :08-02-2022<br><b>Report Date</b> :15-02-2022<br><b>Report No.</b> :ICE-2202150874<br><b>NABL ULR No.</b> :TC592622000002554F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                   |                       |
|-----------------------------------|-----------------------|
| <b>Test Report as per :</b>       | : NAAQS 2009          |
| <b>General Information :</b>      |                       |
| Location of Sampling Point        | : Village- Khanpur    |
| Date of Monitoring                | : 31-01-2022          |
| Time of Monitoring                | : 10:40 hrs           |
| Purpose of Monitoring             | : For Self Monitoring |
| Duration of Monitoring,minutes    | : 1440                |
| Avg. Flow Rate of Sampling,m3/min | : 1.32                |
| Volume of air sampled,m3          | : 1928.43             |
| Avg. Ambient Temperature,°C       | : 13                  |

| <b>Description</b> |                                                           |                                |               |        |
|--------------------|-----------------------------------------------------------|--------------------------------|---------------|--------|
| Description        |                                                           | Ambient Air Quality Monitoring |               |        |
| S.No.              | Parameters                                                | Method                         | Specification | Result |
|                    | <b>Discipline : Chemical</b>                              |                                |               |        |
|                    | <b>Group : Atmospheric Pollution</b>                      |                                |               |        |
| 1.                 | <b>Ambient Air Quality Parameters</b>                     |                                |               |        |
| a.                 | Sulphur Dioxide(SO <sub>2</sub> ),µg/m <sup>3</sup>       | IS:5182(P-2)                   | 80 Max        | 7.07   |
| b.                 | Nitrogen Dioxide(NO <sub>2</sub> ),µg/m <sup>3</sup>      | IS:5182(P-6)                   | 80 Max        | 12.91  |
| c.                 | Particulate Matter (PM <sub>10</sub> ),µg/m <sup>3</sup>  | IS:5182(P-23)                  | 100 Max       | 108.38 |
| d.                 | Particulate matter (PM <sub>2.5</sub> ),µg/m <sup>3</sup> | STP/ITC/EW-01                  | 60 Max        | 52.19  |

  
Saurabh Sharma  
15-02-2022  
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## Test Report

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2202080379<br><b>Sample Reg. Date</b> :08-02-2022<br><b>Report Date</b> :15-02-2022<br><b>Report No.</b> :ICE-2202150874<br><b>NABL ULR No.</b> :TC592622000002554F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

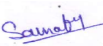
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| e. | Ozone(O <sub>3</sub> ),µg/m <sup>3</sup>                   | IS:5182(P-9)                                      | 180 Max | 16.54         |
| f. | Lead(As Pb),µg/m <sup>3</sup>                              | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max | BLQ(LOQ:0.1)  |
| g. | Carbon Monoxide(CO),mg/m <sup>3</sup>                      | IS:5182(P-10)                                     | 4 Max   | 1.3           |
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | BLQ(LOQ: 20)  |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ(LOQ: 1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE** : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per NAAQS 2009.  
Sampling Procedure: SOP/ITC/EW/056

**REMARKS** :N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
15-02-2022  
Reviewer

  
15-02-2022  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
Panchkula-134109 (Haryana)  
Phone : (O) 0172-2561543, 2565825  
Email : customersupport@itclabs.com  
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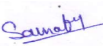
## Test Report

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2201080445<br><b>Sample Reg. Date</b> :08-01-2022<br><b>Report Date</b> :12-01-2022<br><b>Report No.</b> :ICE-2201120704<br><b>NABL ULR No.</b> :TC592622000000515F<br><b>Customer Ref. No.:</b> Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                            |                                                          |
|--------------------------------------------|----------------------------------------------------------|
| <b>Test Report as per :</b>                | : EPA Act 1986/PCLS/2010                                 |
| <b>General Information :</b>               |                                                          |
| Date of Monitoring                         | : 07-01-2022                                             |
| Time of Monitoring                         | : 11:30 to 11:55 hrs                                     |
| Name of the emission source monitored      | : Stack Emission of Boiler                               |
| (a) Rated Capacity                         | : 660 MW                                                 |
| (b) Capacity on sampling day               | : 400 MW                                                 |
| (c) Type of fuel used & its consumption    | : Coal & 222 Ton/hr                                      |
| (d) Normal operating schedule              | : 24 hrs                                                 |
| 2. Stack Identification                    | : Stack attached to Boiler, Unit-1(At 65 meter's Height) |
| 3.Type of Stack/Duct                       | : Metal                                                  |
| 4.Stack Height from Ground Level(m)        | : 275                                                    |
| Diameter of the Stack(cm)                  | : 700                                                    |
| (6) Sampling Duration(minutes)             | : 25                                                     |
| Purpose of Monitoring                      | : For Self Monitoring                                    |
| (8) Air Pollution control measure          | : ESP + FF + FGD + Low NOx Burner                        |
| (a) Status                                 | : Working                                                |
| (b) Recovery of Material                   | : -                                                      |
| (9) Fugitive Emission,if any               | : Nil                                                    |
| <b>Observations :</b>                      |                                                          |
| Flue Gas Temperature, °C,Avg.              | : 51                                                     |
| Flue Gas Velocity(m/s),Avg.                | : 23.11                                                  |
| Volumetric Flow Rate(Nm <sup>3</sup> /hr.) | : 2873622.73                                             |
| Ambient Air Temperature, °C                | : 14                                                     |

  
 Saurabh Sharma  
 12-01-2022  
 Reviewer

  
 12-01-2022  
 PremKumar  
 [Authorized Signatory]

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|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

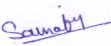
| S.No.     | Parameters                                                                                              | Method          | Specification | Result        |
|-----------|---------------------------------------------------------------------------------------------------------|-----------------|---------------|---------------|
|           | <b>Discipline : Chemical</b>                                                                            |                 |               |               |
|           | <b>Group : Atmospheric Pollution</b>                                                                    |                 |               |               |
| <b>1.</b> | <b>General Parameters</b>                                                                               |                 |               |               |
| a.        | Particulate Matter, mg/Nm <sup>3</sup> (Corrected to 6% O <sub>2</sub> on dry basis)                    | IS:11255(P-1)   | Max. 50       | 25.09         |
| b.        | Sulphur Dioxide (SO <sub>2</sub> ), mg/Nm <sup>3</sup> (Corrected to 6% O <sub>2</sub> on dry basis)    | IS:11255(P-2)   | Max. 200      | 124.07        |
| c.        | Oxides of Nitrogen (NO <sub>x</sub> ), mg/Nm <sup>3</sup> (Corrected to 6% O <sub>2</sub> on dry basis) | IS:11255(P-7)   | Max. 450      | 274.77        |
| d.        | Mercury(As Hg),mg/Nm <sup>3</sup>                                                                       | USEPA Method    | Max. 0.03     | BLQ(LOQ:0.01) |
| e.        | Carbon Monoxide(CO),% v/v                                                                               | IS:13270        | Max. 1.0      | 0.2           |
| f.        | Moisture, % by mass                                                                                     | IS: 11255 (P-3) | Not Specified | 5.8           |

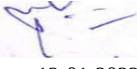
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**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per EPA Act 1986/PCLS/2010, Sample collected by lab rep. on 07.01.2022, Sampling Procedure - SOP/ITC/EW/056

**REMARKS :**N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
 Saurabh Sharma  
 12-01-2022  
 Reviewer

  
 12-01-2022  
 PremKumar  
 [Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
 86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
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|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### Test Report as per :

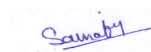
: EPA Act 1986/PCLS/2010

### General Information :

|                                         |                                                            |
|-----------------------------------------|------------------------------------------------------------|
| Date of Monitoring                      | : 07-01-2021                                               |
| Time of Monitoring                      | : 11:00 to 11:24 hrs                                       |
| Name of the emission source monitored   | : Stack Emission of Boiler                                 |
| (a) Rated Capacity                      | : 660 MW                                                   |
| (b) Capacity on sampling day            | : 400 MW                                                   |
| (c) Type of fuel used & its consumption | : Coal & 226 Ton/hr                                        |
| (d) Normal operating schedule           | : 24 hrs                                                   |
| 2. Stack Identification                 | : Stack attached to Boiler, Unit-II (At 65 meter's Height) |
| 3.Type of Stack/Duct                    | : Metal                                                    |
| 4.Stack Height from Ground Level(m)     | : 275                                                      |
| Diameter of the Stack(cm)               | : 700                                                      |
| (6) Sampling Duration(minutes)          | : 24                                                       |
| Purpose of Monitoring                   | : For Self Monitoring                                      |
| (8) Air Pollution control measure       | : ESP + FF + FGD + Low nox Burner                          |
| (a) Status                              | : Working                                                  |
| (b) Recovery of Material                | : -                                                        |
| (9) Fugitive Emission,if any            | : Nil                                                      |

### Observations :

|                                            |              |
|--------------------------------------------|--------------|
| Flue Gas Temperature, °C,Avg.              | : 52         |
| Flue Gas Velocity(m/s),Avg.                | : 24.05      |
| Volumetric Flow Rate(Nm <sup>3</sup> /hr.) | : 2981305.86 |
| Ambient Air Temperature, °C                | : 14         |

  
 Saurabh Sharma  
 17-01-2022  
 Reviewer

  
 17-01-2022  
 PremKumar  
 [Authorized Signatory]

### Interstellar Testing Centre Pvt. Ltd.

86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
 Panchkula-134109 (Haryana)  
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|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

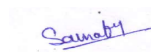
| S.No.     | Parameters                                                                                              | Method          | Specification | Result       |
|-----------|---------------------------------------------------------------------------------------------------------|-----------------|---------------|--------------|
|           | <b>Discipline : Chemical</b>                                                                            |                 |               |              |
|           | <b>Group : Atmospheric Pollution</b>                                                                    |                 |               |              |
| <b>1.</b> | <b>General Parameters</b>                                                                               |                 |               |              |
| a.        | Particulate Matter, mg/Nm <sup>3</sup> (Corrected to 6% O <sub>2</sub> on dry basis)                    | IS:11255(P-1)   | Max. 50       | 28.23        |
| b.        | Sulphur Dioxide (SO <sub>2</sub> ), mg/Nm <sup>3</sup> (Corrected to 6% O <sub>2</sub> on dry basis)    | IS:11255(P-2)   | Max. 200      | 167.07       |
| c.        | Oxides of Nitrogen (NO <sub>x</sub> ), mg/Nm <sup>3</sup> (Corrected to 6% O <sub>2</sub> on dry basis) | IS:11255(P-7)   | Max. 450      | 221.23       |
| d.        | Mercury(As Hg),mg/Nm <sup>3</sup>                                                                       | USEPA Method    | Max. 0.03     | BLQ(LQ:0.01) |
| e.        | Carbon Monoxide(CO),% v/v                                                                               | IS:13270        | Max. 1.0      | 0.2          |
| f.        | Moisture, % by mass                                                                                     | IS: 11255 (P-3) | Not Specified | 5.1          |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per EPA Act 1986/PCLS/2010, Sample collected by lab rep. on dated 07.01.2022, Sampling Procedure - SOP/ITC/EW/056

**REMARKS :**N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
 Saurabh Sharma  
 17-01-2022  
 Reviewer

  
 17-01-2022  
 PremKumar  
 [Authorized Signatory]

### Disclaimer :

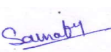
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|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                         |                                                           |
|-----------------------------------------|-----------------------------------------------------------|
| <b>Test Report as per :</b>             | : EPA Act 1986/PCLS/2010                                  |
| <b>General Information :</b>            |                                                           |
| Date of Monitoring                      | : 14-01-2022                                              |
| Time of Monitoring                      | : 12:38 to 13:00 hrs                                      |
| Name of the emission source monitored   | : Stack Emission of Boiler                                |
| (a) Rated Capacity                      | : 660 MW                                                  |
| (b) Capacity on sampling day            | : 461 MW                                                  |
| (c) Type of fuel used & its consumption | : Coal & 277 Ton/hr                                       |
| (d) Normal operating schedule           | : 24 hrs                                                  |
| 2. Stack Identification                 | : Stack attached to Boiler, Unit-1 (At 65 meter's Height) |
| 3.Type of Stack/Duct                    | : Metal                                                   |
| 4.Stack Height from Ground Level(m)     | : 275                                                     |
| Diameter of the Stack(cm)               | : 700                                                     |
| (6) Sampling Duration(minutes)          | : 22                                                      |
| Purpose of Monitoring                   | : For Self Monitoring                                     |
| (8) Air Pollution control measure       | : ESP + FF + FGD + Low nox Burner                         |
| (a) Status                              | : Working                                                 |
| (b) Recovery of Material                | : -                                                       |
| (9) Fugitive Emission,if any            | : Nil                                                     |
| <b>Observations :</b>                   |                                                           |

  
Saurabh Sharma  
20-01-2022  
Reviewer

  
20-01-2022  
PremKumar  
[Authorized Signatory]

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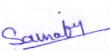
|                                            |              |
|--------------------------------------------|--------------|
| Flue Gas Temperature, °C,Avg.              | : 49         |
| Flue Gas Velocity(m/s),Avg.                | : 24.62      |
| Volumetric Flow Rate(Nm <sup>3</sup> /hr.) | : 3088702.09 |
| Ambient Air Temperature, °C                | : 15         |

| S.No. | Parameters                                                                                              | Method          | Specification | Result        |
|-------|---------------------------------------------------------------------------------------------------------|-----------------|---------------|---------------|
|       | <b>Discipline : Chemical</b>                                                                            |                 |               |               |
|       | <b>Group : Atmospheric Pollution</b>                                                                    |                 |               |               |
| 1.    | <b>General Parameters</b>                                                                               |                 |               |               |
| a.    | Particulate Matter, mg/Nm <sup>3</sup> (Corrected to 6% O <sub>2</sub> on dry basis)                    | IS:11255(P-1)   | Max. 50       | 28.29         |
| b.    | Sulphur Dioxide (SO <sub>2</sub> ), mg/Nm <sup>3</sup> (Corrected to 6% O <sub>2</sub> on dry basis)    | IS:11255(P-2)   | Max. 200      | 150.51        |
| c.    | Oxides of Nitrogen (NO <sub>x</sub> ), mg/Nm <sup>3</sup> (Corrected to 6% O <sub>2</sub> on dry basis) | IS:11255(P-7)   | Max. 450      | 214.47        |
| d.    | Mercury(As Hg),mg/Nm <sup>3</sup>                                                                       | USEPA Method    | Max. 0.03     | BLQ(LOQ:0.01) |
| e.    | Carbon Monoxide(CO),% v/v                                                                               | IS:13270        | Max. 1.0      | 0.2           |
| f.    | Moisture, % by mass                                                                                     | IS: 11255 (P-3) | Not Specified | 4.5           |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per EPA Act 1986/PCLS/2010, Sample collected by lab rep. on dated 14.01.2022, Sampling Procedure - SOP/ITC/EW/056

**REMARKS :**N/A

  
Saurabh Sharma  
20-01-2022  
Reviewer

  
20-01-2022  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
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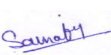
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|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
20-01-2022  
Reviewer

  
20-01-2022  
PremKumar  
[Authorized Signatory]

### Disclaimer :

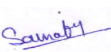
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2201150842<br><b>Sample Reg. Date</b> :15-01-2022<br><b>Report Date</b> :20-01-2022<br><b>Report No.</b> :ICE-2201201311<br><b>NABL ULR No.</b> :TC592622000001034F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                         |                                                           |
|-----------------------------------------|-----------------------------------------------------------|
| <b>Test Report as per :</b>             | : EPA Act 1986/PCLS/2010                                  |
| <b>General Information :</b>            |                                                           |
| Date of Monitoring                      | : 14-01-2022                                              |
| Time of Monitoring                      | : 12:10 to 12:33 hrs                                      |
| Name of the emission source monitored   | : Stack Emission of Boiler                                |
| (a) Rated Capacity                      | : 660 MW                                                  |
| (b) Capacity on sampling day            | : 460 MW                                                  |
| (c) Type of fuel used & its consumption | : Coal & 264 Ton/hr                                       |
| (d) Normal operating schedule           | : 24 hrs                                                  |
| 2. Stack Identification                 | : Stack attached to Boiler Unit-II (At 65 meter's Height) |
| 3.Type of Stack/Duct                    | : Metal                                                   |
| 4.Stack Height from Ground Level(m)     | : 275                                                     |
| Diameter of the Stack(cm)               | : 700                                                     |
| (6) Sampling Duration(minutes)          | : 23                                                      |
| Purpose of Monitoring                   | : For Self Monitoring                                     |
| (8) Air Pollution control measure       | : ESP + FF + FGD + Low nox Burner                         |
| (a) Status                              | : Working                                                 |
| (b) Recovery of Material                | : -                                                       |
| (9) Fugitive Emission,if any            | : Nil                                                     |
| <b>Observations :</b>                   |                                                           |

  
Saurabh Sharma  
20-01-2022  
Reviewer

  
20-01-2022  
PremKumar  
[Authorized Signatory]

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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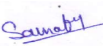
|                                            |              |
|--------------------------------------------|--------------|
| Flue Gas Temperature, °C,Avg.              | : 50         |
| Flue Gas Velocity(m/s),Avg.                | : 24.98      |
| Volumetric Flow Rate(Nm <sup>3</sup> /hr.) | : 3124163.52 |
| Ambient Air Temperature, °C                | : 15         |

| S.No. | Parameters                                                                                              | Method          | Specification | Result        |
|-------|---------------------------------------------------------------------------------------------------------|-----------------|---------------|---------------|
|       | <b>Discipline : Chemical</b>                                                                            |                 |               |               |
|       | <b>Group : Atmospheric Pollution</b>                                                                    |                 |               |               |
| 1.    | <b>General Parameters</b>                                                                               |                 |               |               |
| a.    | Particulate Matter, mg/Nm <sup>3</sup> (Corrected to 6% O <sub>2</sub> on dry basis)                    | IS:11255(P-1)   | Max. 50       | 26.25         |
| b.    | Sulphur Dioxide (SO <sub>2</sub> ), mg/Nm <sup>3</sup> (Corrected to 6% O <sub>2</sub> on dry basis)    | IS:11255(P-2)   | Max. 200      | 141.88        |
| c.    | Oxides of Nitrogen (NO <sub>x</sub> ), mg/Nm <sup>3</sup> (Corrected to 6% O <sub>2</sub> on dry basis) | IS:11255(P-7)   | Max. 450      | 152.73        |
| d.    | Mercury(As Hg),mg/Nm <sup>3</sup>                                                                       | USEPA Method    | Max. 0.03     | BLQ(LOQ:0.01) |
| e.    | Carbon Monoxide(CO),% v/v                                                                               | IS:13270        | Max. 1.0      | 0.2           |
| f.    | Moisture, % by mass                                                                                     | IS: 11255 (P-3) | Not Specified | 4.8           |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per EPA Act 1986/PCLS/2010, Sample collected by lab rep. on dated 14.01.2022, Sampling Procedure - SOP/ITC/EW/056

**REMARKS :**N/A

  
 Saurabh Sharma  
 20-01-2022  
 Reviewer

  
 20-01-2022  
 PremKumar  
 [Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
 86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
 Panchkula-134109 (Haryana)  
 Phone : (O) 0172-2561543, 2565825  
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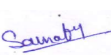
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2201150842<br><b>Sample Reg. Date</b> :15-01-2022<br><b>Report Date</b> :20-01-2022<br><b>Report No.</b> :ICE-2201201311<br><b>NABL ULR No.</b> :TC592622000001034F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
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\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
20-01-2022  
Reviewer

  
20-01-2022  
PremKumar  
[Authorized Signatory]

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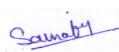
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|-------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                         |                                                             |
|-----------------------------------------|-------------------------------------------------------------|
| <b>Test Report as per :</b>             | : EPA Act 1986/PCLS/2010                                    |
| <b>General Information :</b>            |                                                             |
| Date of Monitoring                      | : 21-01-2022                                                |
| Time of Monitoring                      | : 11:00 to 11:22 hrs                                        |
| Name of the emission source monitored   | : Stack Emission of Boiler                                  |
| (a) Rated Capacity                      | : 660 MW                                                    |
| (b) Capacity on sampling day            | : 656 MW                                                    |
| (c) Type of fuel used & its consumption | : Coal & 390 Ton/hr                                         |
| (d) Normal operating schedule           | : 24 hrs                                                    |
| 2. Stack Identification                 | : Stack attached to Boiler, Unit-1st (At 65 meter's Height) |
| 3.Type of Stack/Duct                    | : Metal                                                     |
| 4.Stack Height from Ground Level(m)     | : 275                                                       |
| Diameter of the Stack(cm)               | : 700                                                       |
| (6) Sampling Duration(minutes)          | : 22                                                        |
| Purpose of Monitoring                   | : For Self Monitoring                                       |
| (8) Air Pollution control measure       | : ESP + FF + FGD + Low Nox Burner                           |
| (a) Status                              | : Working                                                   |
| (b) Recovery of Material                | : -                                                         |
| (9) Fugitive Emission,if any            | : Nil                                                       |
| <b>Observations :</b>                   |                                                             |

  
Saurabh Sharma  
27-01-2022  
Reviewer

  
27-01-2022  
PremKumar  
[Authorized Signatory]

### Interstellar Testing Centre Pvt. Ltd.

86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
Panchkula-134109 (Haryana)  
Phone : (O) 0172-2561543, 2565825  
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|                                                                                                             | <b>Sample Reg. Date</b> :22-01-2022           |
|                                                                                                             | <b>Report Date</b> :27-01-2022                |
|                                                                                                             | <b>Report No.</b> :ICE-2201271780             |
|                                                                                                             | <b>NABL ULR No.</b> :TC592622000001499F       |
|                                                                                                             | <b>Customer Ref. No.:</b> Order No.5030010814 |
|                                                                                                             | <b>Letter Dated</b> :29.10.2020               |

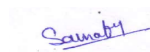
|                                            |              |
|--------------------------------------------|--------------|
| Flue Gas Temperature, °C,Avg.              | : 50         |
| Flue Gas Velocity(m/s),Avg.                | : 26.13      |
| Volumetric Flow Rate(Nm <sup>3</sup> /hr.) | : 3259205.18 |
| Ambient Air Temperature, °C                | : 13         |

| S.No.     | Parameters                                                                                              | Method          | Specification | Result        |
|-----------|---------------------------------------------------------------------------------------------------------|-----------------|---------------|---------------|
|           | <b>Discipline : Chemical</b>                                                                            |                 |               |               |
|           | <b>Group : Atmospheric Pollution</b>                                                                    |                 |               |               |
| <b>1.</b> | <b>General Parameters</b>                                                                               |                 |               |               |
| a.        | Particulate Matter, mg/Nm <sup>3</sup> (Corrected to 6% O <sub>2</sub> on dry basis)                    | IS:11255(P-1)   | Max. 50       | 27.21         |
| b.        | Sulphur Dioxide (SO <sub>2</sub> ), mg/Nm <sup>3</sup> (Corrected to 6% O <sub>2</sub> on dry basis)    | IS:11255(P-2)   | Max. 200      | 153.59        |
| c.        | Oxides of Nitrogen (NO <sub>x</sub> ), mg/Nm <sup>3</sup> (Corrected to 6% O <sub>2</sub> on dry basis) | IS:11255(P-7)   | Max. 450      | 224.51        |
| d.        | Mercury(As Hg),mg/Nm <sup>3</sup>                                                                       | USEPA Method    | Max. 0.03     | BLQ(LOQ:0.01) |
| e.        | Carbon Monoxide(CO),% v/v                                                                               | IS:13270        | Max. 1.0      | 0.2           |
| f.        | Moisture, % by mass                                                                                     | IS: 11255 (P-3) | Not Specified | 5.5           |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per EPA Act 1986/PCLS/2010, Sample collected by lab rep. on dated 21.01.2022, Sampling Procedure - SOP/ITC/EW/056

**REMARKS :**N/A

  
Saurabh Sharma  
27-01-2022  
Reviewer

  
27-01-2022  
PremKumar  
[Authorized Signatory]

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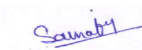
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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
27-01-2022  
Reviewer

  
27-01-2022  
PremKumar  
[Authorized Signatory]

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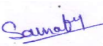
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|-------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                         |                                                              |
|-----------------------------------------|--------------------------------------------------------------|
| <b>Test Report as per :</b>             | : EPA Act 1986/PCLS/2010                                     |
| <b>General Information :</b>            |                                                              |
| Date of Monitoring                      | : 21-01-2022                                                 |
| Time of Monitoring                      | : 10:30 to 10:52 hrs                                         |
| Name of the emission source monitored   | : Stack Emission of Boiler                                   |
| (a) Rated Capacity                      | : 660 MW                                                     |
| (b) Capacity on sampling day            | : 660 MW                                                     |
| (c) Type of fuel used & its consumption | : Coal & 369 Ton/hrs                                         |
| (d) Normal operating schedule           | : 24 hrs                                                     |
| 2. Stack Identification                 | : Stack attached to Boiler Unit-IIInd (At 65 meter's Height) |
| 3.Type of Stack/Duct                    | : Metal                                                      |
| 4.Stack Height from Ground Level(m)     | : 275                                                        |
| Diameter of the Stack(cm)               | : 700                                                        |
| (6) Sampling Duration(minutes)          | : 22                                                         |
| Purpose of Monitoring                   | : For Self Monitoring                                        |
| (8) Air Pollution control measure       | : ESP + FF + FGD + Low Nox Burner                            |
| (a) Status                              | : Working                                                    |
| (b) Recovery of Material                | : -                                                          |
| (9) Fugitive Emission,if any            | : Nil                                                        |
| <b>Observations :</b>                   |                                                              |

  
Saurabh Sharma  
27-01-2022  
Reviewer

  
27-01-2022  
PremKumar  
[Authorized Signatory]

### Interstellar Testing Centre Pvt. Ltd.

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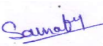
|                                            |              |
|--------------------------------------------|--------------|
| Flue Gas Temperature, °C,Avg.              | : 53         |
| Flue Gas Velocity(m/s),Avg.                | : 26.38      |
| Volumetric Flow Rate(Nm <sup>3</sup> /hr.) | : 3264501.81 |
| Ambient Air Temperature, °C                | : 12         |

| S.No.     | Parameters                                                                                              | Method          | Specification | Result        |
|-----------|---------------------------------------------------------------------------------------------------------|-----------------|---------------|---------------|
|           | <b>Discipline : Chemical</b>                                                                            |                 |               |               |
|           | <b>Group : Atmospheric Pollution</b>                                                                    |                 |               |               |
| <b>1.</b> | <b>General Parameters</b>                                                                               |                 |               |               |
| a.        | Particulate Matter, mg/Nm <sup>3</sup> (Corrected to 6% O <sub>2</sub> on dry basis)                    | IS:11255(P-1)   | Max. 50       | 23.35         |
| b.        | Sulphur Dioxide (SO <sub>2</sub> ), mg/Nm <sup>3</sup> (Corrected to 6% O <sub>2</sub> on dry basis)    | IS:11255(P-2)   | Max. 200      | 155.93        |
| c.        | Oxides of Nitrogen (NO <sub>x</sub> ), mg/Nm <sup>3</sup> (Corrected to 6% O <sub>2</sub> on dry basis) | IS:11255(P-7)   | Max. 450      | 172.14        |
| d.        | Mercury(As Hg),mg/Nm <sup>3</sup>                                                                       | USEPA Method    | Max. 0.03     | BLQ(LOQ:0.01) |
| e.        | Carbon Monoxide(CO),% v/v                                                                               | IS:13270        | Max. 1.0      | 0.2           |
| f.        | Moisture, % by mass                                                                                     | IS: 11255 (P-3) | Not Specified | 5.8           |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per EPA Act 1986/PCLS/2010, Sample collected by lab rep. on dated 21.01.2022, Sampling Procedure - SOP/ITC/EW/056

**REMARKS :**N/A

  
Saurabh Sharma  
27-01-2022  
Reviewer

  
27-01-2022  
PremKumar  
[Authorized Signatory]

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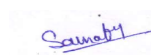
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|-------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
27-01-2022  
Reviewer

  
27-01-2022  
PremKumar  
[Authorized Signatory]

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## Test Report

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Page 1 of 3

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2201291625<br><b>Sample Reg. Date</b> :29-01-2022<br><b>Report Date</b> :02-02-2022<br><b>Report No.</b> :ICE-2202020354<br><b>NABL ULR No.</b> :TC592622000001957F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
| <b>Test Report as per :</b>                                                                                 | : EPA Act 1986/PCLS/2010                                                                                                                                                                                                                                                            |
| <b>General Information :</b>                                                                                |                                                                                                                                                                                                                                                                                     |
| Date of Monitoring                                                                                          | : 28-01-2022                                                                                                                                                                                                                                                                        |
| Time of Monitoring                                                                                          | : 12:00 to 12:21 hrs                                                                                                                                                                                                                                                                |
| Name of the emission source monitored                                                                       | : Stack Emission of Boiler                                                                                                                                                                                                                                                          |
| (a) Rated Capacity                                                                                          | : 660 MW                                                                                                                                                                                                                                                                            |
| (b) Capacity on sampling day                                                                                | : 653 MW                                                                                                                                                                                                                                                                            |
| (c) Type of fuel used & its consumption                                                                     | : Coal & 395 Ton/hr                                                                                                                                                                                                                                                                 |
| (d) Normal operating schedule                                                                               | : 24 hrs                                                                                                                                                                                                                                                                            |
| 2. Stack Identification                                                                                     | : Stack attached to Boiler Unit-I (At 65 meter's Height)                                                                                                                                                                                                                            |
| 3.Type of Stack/Duct                                                                                        | : Metal                                                                                                                                                                                                                                                                             |
| 4.Stack Height from Ground Level(m)                                                                         | : 275                                                                                                                                                                                                                                                                               |
| Diameter of the Stack(cm)                                                                                   | : 700                                                                                                                                                                                                                                                                               |
| (6) Sampling Duration(minutes)                                                                              | : 21                                                                                                                                                                                                                                                                                |
| Purpose of Monitoring                                                                                       | : For Self Monitoring                                                                                                                                                                                                                                                               |
| (8) Air Pollution control measure                                                                           | : ESP + FF + FGD + Low Nox Burner                                                                                                                                                                                                                                                   |
| (a) Status                                                                                                  | : Working                                                                                                                                                                                                                                                                           |
| (b) Recovery of Material                                                                                    | : -                                                                                                                                                                                                                                                                                 |
| (9) Fugitive Emission,if any                                                                                | : Nil                                                                                                                                                                                                                                                                               |
| <b>Observations :</b>                                                                                       |                                                                                                                                                                                                                                                                                     |

Saurabh Sharma  
02-02-2022  
Reviewer

02-02-2022  
PremKumar  
[Authorized Signatory]

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## Test Report

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|                                                                                                             |                                               |
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2201291625        |
|                                                                                                             | <b>Sample Reg. Date</b> :29-01-2022           |
|                                                                                                             | <b>Report Date</b> :02-02-2022                |
|                                                                                                             | <b>Report No.</b> :ICE-2202020354             |
|                                                                                                             | <b>NABL ULR No.</b> :TC592622000001957F       |
|                                                                                                             | <b>Customer Ref. No.</b> :Order No.5030010814 |
|                                                                                                             | <b>Letter Dated</b> :29.10.2020               |

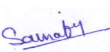
|                                            |              |
|--------------------------------------------|--------------|
| Flue Gas Temperature, °C,Avg.              | : 51         |
| Flue Gas Velocity(m/s),Avg.                | : 27.17      |
| Volumetric Flow Rate(Nm <sup>3</sup> /hr.) | : 3387571.52 |
| Ambient Air Temperature, °C                | : 14         |

| S.No.     | Parameters                                                                                              | Method          | Specification | Result        |
|-----------|---------------------------------------------------------------------------------------------------------|-----------------|---------------|---------------|
|           | <b>Discipline : Chemical</b>                                                                            |                 |               |               |
|           | <b>Group : Atmospheric Pollution</b>                                                                    |                 |               |               |
| <b>1.</b> | <b>General Parameters</b>                                                                               |                 |               |               |
| a.        | Particulate Matter, mg/Nm <sup>3</sup> (Corrected to 6% O <sub>2</sub> on dry basis)                    | IS:11255(P-1)   | Max. 50       | 27.24         |
| b.        | Sulphur Dioxide (SO <sub>2</sub> ), mg/Nm <sup>3</sup> (Corrected to 6% O <sub>2</sub> on dry basis)    | IS:11255(P-2)   | Max. 200      | 176.69        |
| c.        | Oxides of Nitrogen (NO <sub>x</sub> ), mg/Nm <sup>3</sup> (Corrected to 6% O <sub>2</sub> on dry basis) | IS:11255(P-7)   | Max. 450      | 182.06        |
| d.        | Mercury(As Hg),mg/Nm <sup>3</sup>                                                                       | USEPA Method    | Max. 0.03     | BLQ(LOQ:0.01) |
| e.        | Carbon Monoxide(CO),% v/v                                                                               | IS:13270        | Max. 1.0      | 0.2           |
| f.        | Moisture, % by mass                                                                                     | IS: 11255 (P-3) | Not Specified | 5.8           |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per EPA Act 1986/PCLS/2010, Sample collected by lab rep. on dated 28.01.2022, Sampling Procedure - SOP/ITC/EW/056

**REMARKS :**N/A

  
Saurabh Sharma  
02-02-2022  
Reviewer

  
02-02-2022  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
Panchkula-134109 (Haryana)  
Phone : (O) 0172-2561543, 2565825  
Email : customersupport@itclabs.com  
Visit us :www.itclabs.com

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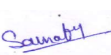
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## Test Report

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2201291625<br><b>Sample Reg. Date</b> :29-01-2022<br><b>Report Date</b> :02-02-2022<br><b>Report No.</b> :ICE-2202020354<br><b>NABL ULR No.</b> :TC592622000001957F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
02-02-2022  
Reviewer

  
02-02-2022  
PremKumar  
[Authorized Signatory]

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|                                                                                                             | <b>Sample Reg. Date</b> :29-01-2022                        |
|                                                                                                             | <b>Report Date</b> :02-02-2022                             |
|                                                                                                             | <b>Report No.</b> :ICE-2202020356                          |
|                                                                                                             | <b>NABL ULR No.</b> :TC592622000001958F                    |
|                                                                                                             | <b>Customer Ref. No.</b> :Order No.5030010814              |
|                                                                                                             | <b>Letter Dated</b> :29.10.2020                            |
| <b>Test Report as per :</b> : EPA Act 1986/PCLS/2010                                                        |                                                            |
| <b>General Information :</b>                                                                                |                                                            |
| Date of Monitoring                                                                                          | : 28-01-2022                                               |
| Time of Monitoring                                                                                          | : 11:00 to 11:22 hrs                                       |
| Name of the emission source monitored                                                                       | : Stack Emission of Boiler                                 |
| (a) Rated Capacity                                                                                          | : 660 MW                                                   |
| (b) Capacity on sampling day                                                                                | : 652 MW                                                   |
| (c) Type of fuel used & its consumption                                                                     | : Coal & 394 Ton/hrs                                       |
| (d) Normal operating schedule                                                                               | : 24 hrs                                                   |
| 2. Stack Identification                                                                                     | : Stack attached to Boiler Unit-II (At 65 meter's Height ) |
| 3.Type of Stack/Duct                                                                                        | : Metal                                                    |
| 4.Stack Height from Ground Level(m)                                                                         | : 275                                                      |
| Diameter of the Stack(cm)                                                                                   | : 700                                                      |
| (6) Sampling Duration(minutes)                                                                              | : 22                                                       |
| Purpose of Monitoring                                                                                       | : For Self Monitoring                                      |
| (8) Air Pollution control measure                                                                           | : ESP + FF + FGD + Low Nox Burner                          |
| (a) Status                                                                                                  | : Working                                                  |
| (b) Recovery of Material                                                                                    | : -                                                        |
| (9) Fugitive Emission,if any                                                                                | : Nil                                                      |
| <b>Observations :</b>                                                                                       |                                                            |

Saurabh Sharma  
02-02-2022  
Reviewer

02-02-2022  
PremKumar  
[Authorized Signatory]

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|                                                                                                             | <b>Sample Reg. Date</b> :29-01-2022           |
|                                                                                                             | <b>Report Date</b> :02-02-2022                |
|                                                                                                             | <b>Report No.</b> :ICE-2202020356             |
|                                                                                                             | <b>NABL ULR No.</b> :TC592622000001958F       |
|                                                                                                             | <b>Customer Ref. No.</b> :Order No.5030010814 |
|                                                                                                             | <b>Letter Dated</b> :29.10.2020               |

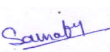
|                                            |              |
|--------------------------------------------|--------------|
| Flue Gas Temperature, °C,Avg.              | : 50         |
| Flue Gas Velocity(m/s),Avg.                | : 25.52      |
| Volumetric Flow Rate(Nm <sup>3</sup> /hr.) | : 3187409.56 |
| Ambient Air Temperature, °C                | : 9          |

| S.No.     | Parameters                                                                                              | Method          | Specification | Result        |
|-----------|---------------------------------------------------------------------------------------------------------|-----------------|---------------|---------------|
|           | <b>Discipline : Chemical</b>                                                                            |                 |               |               |
|           | <b>Group : Atmospheric Pollution</b>                                                                    |                 |               |               |
| <b>1.</b> | <b>General Parameters</b>                                                                               |                 |               |               |
| a.        | Particulate Matter, mg/Nm <sup>3</sup> (Corrected to 6% O <sub>2</sub> on dry basis)                    | IS:11255(P-1)   | Max. 50       | 32.30         |
| b.        | Sulphur Dioxide (SO <sub>2</sub> ), mg/Nm <sup>3</sup> (Corrected to 6% O <sub>2</sub> on dry basis)    | IS:11255(P-2)   | Max. 200      | 183.29        |
| c.        | Oxides of Nitrogen (NO <sub>x</sub> ), mg/Nm <sup>3</sup> (Corrected to 6% O <sub>2</sub> on dry basis) | IS:11255(P-7)   | Max. 450      | 166.94        |
| d.        | Mercury(As Hg),mg/Nm <sup>3</sup>                                                                       | USEPA Method    | Max. 0.03     | BLQ(LOQ:0.01) |
| e.        | Carbon Monoxide(CO),% v/v                                                                               | IS:13270        | Max. 1.0      | 0.2           |
| f.        | Moisture, % by mass                                                                                     | IS: 11255 (P-3) | Not Specified | 5.2           |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per EPA Act 1986/PCLS/2010, Sample collected by lab rep. on dated 28.01.2022, Sampling Procedure - SOP/ITC/EW/056

**REMARKS :**N/A

  
Saurabh Sharma  
02-02-2022  
Reviewer

  
02-02-2022  
PremKumar  
[Authorized Signatory]

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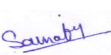
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## Test Report

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|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
02-02-2022  
Reviewer

  
02-02-2022  
PremKumar  
[Authorized Signatory]

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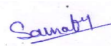
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|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                 |                               |
|---------------------------------|-------------------------------|
| <b>Test Report as per IS:NA</b> | <b>With Amendment No.(s):</b> |
|---------------------------------|-------------------------------|

### PART A : PARTICULARS OF SAMPLE SUBMITTED

|    |                                            |                                                                                      |
|----|--------------------------------------------|--------------------------------------------------------------------------------------|
| a) | Nature of Sample #                         | ETP Inlet Water                                                                      |
| b) | Sample Condition                           | Good                                                                                 |
| c) | Grade / Variety / Type / Class / Size etc. | NA                                                                                   |
| d) | Brand Name                                 | NA                                                                                   |
| e) | Declared Values,if any                     | NA                                                                                   |
| f) | Code No.                                   |  |
| g) | Batch Number #                             | NA                                                                                   |
| h) | D.O.M #                                    | NA                                                                                   |
| i) | Date of Expiry #                           | NA                                                                                   |
| j) | Sample Quantity #                          | 2 Ltr                                                                                |
| k) | Batch Size/Location #                      | NA                                                                                   |
| l) | Mode of Packing                            | Packed in bottles                                                                    |
| m) | Date of Receipt                            | 24-01-2022                                                                           |
| n) | Date of Start                              | 24-01-2022                                                                           |
| o) | Date of Completion                         | 29-01-2022                                                                           |
| p) | Seal (Intact/Not Intact/Unsealed)          | NA                                                                                   |
| q) | IO'S Signature (Signed/Unsigned)           | Unsigned                                                                             |
| r) | Any Other Information                      | Sample collected by lab rep. on 21.01.2022                                           |

  
 Saurabh Sharma  
 29-01-2022  
 Reviewer

  
 29-01-2022  
 PremKumar  
 [Authorized Signatory]

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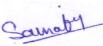
|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2201241344<br><b>Sample Reg. Date</b> :24-01-2022<br><b>Report Date</b> :29-01-2022<br><b>Report No.</b> :ICE-2201291872<br><b>NABL ULR No.</b> :TC592622000001643F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|    |                              |                                           |
|----|------------------------------|-------------------------------------------|
| s) | Test Request Submitted By    | Jhajjar Power Limited-Jhajjar ( Haryana ) |
| t) | Manufactured By <sup>#</sup> | NA                                        |
| u) | Supplied By <sup>#</sup>     | NA                                        |

### PART B : SUPPLEMENTARY INFORMATIONS

|    |                                                                                                                                                              |       |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| a. | Reference to sampling procedure, whenever applicable                                                                                                         | : N/A |
| b. | Supporting documents for the measurement taken and results derived like graphs, tables, sketches and / or photographs as appropriate to test reports, if any | : N/A |
| c. | Deviation from the test methods as prescribed in relevant ISS/WORK Instruments, if any                                                                       | : N/A |

| Description                                |                               |                                      |               |                 |
|--------------------------------------------|-------------------------------|--------------------------------------|---------------|-----------------|
| Description                                |                               | ETP Inlet Water                      |               |                 |
| S.No.                                      | Parameters                    | Method                               | Specification | Result          |
| <b>Discipline : Chemical</b>               |                               |                                      |               |                 |
| <b>Group : Pollution &amp; Environment</b> |                               |                                      |               |                 |
| <b>1.</b>                                  | <b>General Parameters</b>     |                                      |               |                 |
| a.                                         | Colour                        | IS:3025(Part4):1983(RA:2017)amd. no1 |               | Light Yellowish |
| b.                                         | Odour                         | IS:3025(Part 5):1983(RA:2017)        |               | Musty           |
| c.                                         | pH Value                      | IS:3025 (Part - 11):1983(RA:2017)    |               | 8.04            |
| d.                                         | Total Suspended Solids,(mg/l) | IS:3025(Part 17)                     |               | 128             |
| e.                                         | Total Dissolved Solids (mg/l) | IS:3025(Part 16):1984(RA.2006)       | -             | 658             |

  
Saurabh Sharma  
29-01-2022  
Reviewer

  
29-01-2022  
PremKumar  
[Authorized Signatory]

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|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

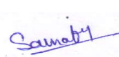
|    |                                                   |                                        |               |
|----|---------------------------------------------------|----------------------------------------|---------------|
| f. | Chemical Oxygen Demand(mg/l)                      | APHA-23rd Edition                      | 124           |
| g. | Bio-chemical Oxygen Demand, mg/l (3 days at 27°C) | IS:3025(P-44)                          | 39            |
| h. | Oil & Grease(mg/l)                                | IS:3025(P-39)                          | <4.0          |
| i. | Zinc(As Zn)(mg/l)                                 | IS: 3025 (P-2)                         | BLQ(LOQ:0.05) |
| j. | Arsenic(as As)(mg/l)                              | IS: 3025 (P-2)                         | BLQ(LOQ:0.05) |
| k. | Total Chromium as Cr (mg/l)                       | IS: 3025 (P-2)                         | BLQ(LOQ:0.05) |
| l. | Cyanide as CN, (mg/l)                             | IS:3025(P-27)                          | Absent        |
| m. | Iron(as Fe)(mg/l)                                 | IS: 3025 (P-2)                         | BLQ(LOQ:0.05) |
| n. | Temperature(°C)                                   | IS: 3025 (P-9)                         | 19.8          |
| o. | Free Residual Chlorine (mg/l)                     | IS:3025(Part 26):1986(RA:2014)amd no 1 | BLQ(LOQ:0.03) |
| p. | Phosphate as P (mg/l)                             | APHA-23rd Edition                      | BLQ(LOQ:0.1)  |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Sampling Procedure: SOP/ITC/EW/030, Purpose - For Self Monitoring

**REMARKS :**N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
29-01-2022  
Reviewer

  
29-01-2022  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
Panchkula-134109 (Haryana)  
Phone : (O) 0172-2561543, 2565825  
Email : customersupport@itclabs.com  
Visit us :www.itclabs.com

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## Test Report

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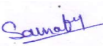
Page 1 of 3

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2201241346<br><b>Sample Reg. Date</b> :24-01-2022<br><b>Report Date</b> :04-02-2022<br><b>Report No.</b> :ICE-2202040521<br><b>NABL ULR No.</b> :TC592622000002095F<br><b>Customer Ref. No.:</b> Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                      |                               |
|------------------------------------------------------|-------------------------------|
| <b>Test Report as per IS:</b> EPA Act 1986/PCLS/2010 | <b>With Amendment No.(s):</b> |
|------------------------------------------------------|-------------------------------|

### PART A : PARTICULARS OF SAMPLE SUBMITTED

|    |                                            |                                                                                      |
|----|--------------------------------------------|--------------------------------------------------------------------------------------|
| a) | Nature of Sample #                         | ETP Outlet Water                                                                     |
| b) | Sample Condition                           | Good                                                                                 |
| c) | Grade / Variety / Type / Class / Size etc. | NA                                                                                   |
| d) | Brand Name                                 | NA                                                                                   |
| e) | Declared Values,if any                     | NA                                                                                   |
| f) | Code No.                                   |  |
| g) | Batch Number #                             | NA                                                                                   |
| h) | D.O.M #                                    | NA                                                                                   |
| i) | Date of Expiry #                           | NA                                                                                   |
| j) | Sample Quantity #                          | 7 Ltr                                                                                |
| k) | Batch Size/Location #                      | NA                                                                                   |
| l) | Mode of Packing                            | Packed in bottles & in cans                                                          |
| m) | Date of Receipt                            | 24-01-2022                                                                           |
| n) | Date of Start                              | 24-01-2022                                                                           |
| o) | Date of Completion                         | 04-02-2022                                                                           |
| p) | Seal (Intact/Not Intact/Unsealed)          | NA                                                                                   |
| q) | IO'S Signature (Signed/Unsigned)           | Unsigned                                                                             |
| r) | Any Other Information                      | Sample collected by lab rep. on 21.01.2022                                           |

  
Saurabh Sharma  
04-02-2022  
Reviewer

  
04-02-2022  
PremKumar  
[Authorized Signatory]

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## Test Report

Document QF : 2501

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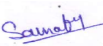
|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2201241346<br><b>Sample Reg. Date</b> :24-01-2022<br><b>Report Date</b> :04-02-2022<br><b>Report No.</b> :ICE-2202040521<br><b>NABL ULR No.</b> :TC592622000002095F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|    |                              |                                           |
|----|------------------------------|-------------------------------------------|
| s) | Test Request Submitted By    | Jhajjar Power Limited-Jhajjar ( Haryana ) |
| t) | Manufactured By <sup>#</sup> | NA                                        |
| u) | Supplied By <sup>#</sup>     | NA                                        |

### PART B : SUPPLEMENTARY INFORMATIONS

|    |                                                                                                                                                              |       |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| a. | Reference to sampling procedure, whenever applicable                                                                                                         | : N/A |
| b. | Supporting documents for the measurement taken and results derived like graphs, tables, sketches and / or photographs as appropriate to test reports, if any | : N/A |
| c. | Deviation from the test methods as prescribed in relevant ISS/WORK Instruments, if any                                                                       | : N/A |

| Description                                |                               |                                       |               |            |
|--------------------------------------------|-------------------------------|---------------------------------------|---------------|------------|
| Description                                |                               | ETP Outlet Water                      |               |            |
| S.No.                                      | Parameters                    | Method                                | Specification | Result     |
| <b>Discipline : Chemical</b>               |                               |                                       |               |            |
| <b>Group : Pollution &amp; Environment</b> |                               |                                       |               |            |
| <b>1. General Parameters</b>               |                               |                                       |               |            |
| a.                                         | Colour                        | IS:3025(Part4):1983(RA: 2017)amd. no1 | Not Specified | Colourless |
| b.                                         | Odour                         | IS:3025(Part 5):1983(RA:2017)         | Not Specified | None       |
| c.                                         | pH Value                      | IS:3025 (Part - 11):1983(RA:2017)     | 5.5-9         | 7.99       |
| d.                                         | Total Suspended Solids,(mg/l) | IS:3025(Part 17)                      | Max. 100      | 21         |
| e.                                         | Total Dissolved Solids (mg/l) | IS:3025(Part 16):1984(RA.2006)        | Max. 2100--   | 643        |

  
Saurabh Sharma  
04-02-2022  
Reviewer

  
04-02-2022  
PremKumar  
[Authorized Signatory]

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## Test Report

Document QF : 2501

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2201241346<br><b>Sample Reg. Date</b> :24-01-2022<br><b>Report Date</b> :04-02-2022<br><b>Report No.</b> :ICE-2202040521<br><b>NABL ULR No.</b> :TC592622000002095F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

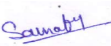
|    |                                                   |                   |                                                                             |                                                                     |
|----|---------------------------------------------------|-------------------|-----------------------------------------------------------------------------|---------------------------------------------------------------------|
| f. | Chemical Oxygen Demand(mg/l)                      | APHA-23rd Edition | Max. 250                                                                    | 58                                                                  |
| g. | Bio-chemical Oxygen Demand, mg/l (3 days at 27°C) | IS:3025(P-44)     | Max. 30                                                                     | 15                                                                  |
| h. | Oil & Grease(mg/l)                                | IS:3025(P-39)     | Max. 10                                                                     | <4.0                                                                |
| i. | Zinc(As Zn)(mg/l)                                 | IS: 3025 (P-2)    | Max. 5.0                                                                    | BLQ(LOQ:0.05)                                                       |
| j. | Arsenic(as As)(mg/l)                              | IS: 3025 (P-2)    | Max. 0.2                                                                    | BLQ(LOQ:0.05)                                                       |
| k. | Total Chromium as Cr (mg/l)                       | IS: 3025 (P-2)    | Max. 2.0                                                                    | BLQ(LOQ:0.05)                                                       |
| l. | Cyanide as CN, (mg/l)                             | IS:3025(P-27)     | Max. 0.2                                                                    | Absent                                                              |
| m. | Iron(as Fe)(mg/l)                                 | IS: 3025 (P-2)    | Max. 3.0                                                                    | BLQ(LOQ:0.05)                                                       |
| n. | Bio Assay Test                                    | IS:6582-1971      | Minimum 90 % survival of fish was observed after 96 hours in 100 % effluent | 90 % survival of fish was observed after 96 hours in 100 % effluent |
| o. | Temperature(°C)                                   | IS: 3025 (P-9)    |                                                                             | 19.6                                                                |
| p. | Free Residual Chlorine (mg/l)                     | IS:3025(P-26)     | Max. 1.0                                                                    | BLQ(LOQ:0.03)                                                       |
| q. | Phosphate as P (mg/l)                             | APHA-23rd Edition | Not Specified                                                               | BLQ(LOQ:0.1)                                                        |

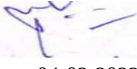
'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per EPA Act 1986/PCLS/2010. Sampling Procedure: SOP/ITC/EW/030, Purpose - For Self Monitoring

**REMARKS :**N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
 Saurabh Sharma  
 04-02-2022  
 Reviewer

  
 04-02-2022  
 PremKumar  
 [Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
 86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
 Panchkula-134109 (Haryana)  
 Phone : (O) 0172-2561543, 2565825  
 Email : customersupport@itclabs.com  
 Visit us :www.itclabs.com

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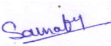
Page 1 of 3

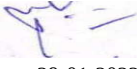
|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2201241352<br><b>Sample Reg. Date</b> :24-01-2022<br><b>Report Date</b> :29-01-2022<br><b>Report No.</b> :ICE-2201291875<br><b>NABL ULR No.</b> :TC592622000001668F<br><b>Customer Ref. No.:</b> Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                          |                        |
|--------------------------|------------------------|
| Test Report as per IS:NA | With Amendment No.(s): |
|--------------------------|------------------------|

### PART A : PARTICULARS OF SAMPLE SUBMITTED

|    |                                            |                                                                                      |
|----|--------------------------------------------|--------------------------------------------------------------------------------------|
| a) | Nature of Sample #                         | STP Inlet Water (Plant)                                                              |
| b) | Sample Condition                           | Good                                                                                 |
| c) | Grade / Variety / Type / Class / Size etc. | NA                                                                                   |
| d) | Brand Name                                 | NA                                                                                   |
| e) | Declared Values,if any                     | NA                                                                                   |
| f) | Code No.                                   |  |
| g) | Batch Number #                             | NA                                                                                   |
| h) | D.O.M #                                    | NA                                                                                   |
| i) | Date of Expiry #                           | NA                                                                                   |
| j) | Sample Quantity #                          | 2 Ltr                                                                                |
| k) | Batch Size/Location #                      | NA                                                                                   |
| l) | Mode of Packing                            | Packed in bottles                                                                    |
| m) | Date of Receipt                            | 24-01-2022                                                                           |
| n) | Date of Start                              | 24-01-2022                                                                           |
| o) | Date of Completion                         | 29-01-2022                                                                           |
| p) | Seal (Intact/Not Intact/Unsealed)          | NA                                                                                   |
| q) | IO'S Signature (Signed/Unsigned)           | Unsigned                                                                             |
| r) | Any Other Information                      | Sample collected by lab rep. on 21.01.2022                                           |

  
Saurabh Sharma  
29-01-2022  
Reviewer

  
29-01-2022  
PremKumar  
[Authorized Signatory]

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## Test Report

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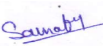
|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2201241352<br><b>Sample Reg. Date</b> :24-01-2022<br><b>Report Date</b> :29-01-2022<br><b>Report No.</b> :ICE-2201291875<br><b>NABL ULR No.</b> :TC592622000001668F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|    |                              |                                           |
|----|------------------------------|-------------------------------------------|
| s) | Test Request Submitted By    | Jhajjar Power Limited-Jhajjar ( Haryana ) |
| t) | Manufactured By <sup>#</sup> | NA                                        |
| u) | Supplied By <sup>#</sup>     | NA                                        |

### PART B : SUPPLEMENTARY INFORMATIONS

|    |                                                                                                                                                              |       |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| a. | Reference to sampling procedure, whenever applicable                                                                                                         | : N/A |
| b. | Supporting documents for the measurement taken and results derived like graphs, tables, sketches and / or photographs as appropriate to test reports, if any | : N/A |
| c. | Deviation from the test methods as prescribed in relevant ISS/WORK Instruments, if any                                                                       | : N/A |

| Description                                |                               |                                      |               |            |
|--------------------------------------------|-------------------------------|--------------------------------------|---------------|------------|
| Description                                |                               | STP Inlet Water (Plant)              |               |            |
| S.No.                                      | Parameters                    | Method                               | Specification | Result     |
| <b>Discipline : Chemical</b>               |                               |                                      |               |            |
| <b>Group : Pollution &amp; Environment</b> |                               |                                      |               |            |
| <b>1. General Parameters</b>               |                               |                                      |               |            |
| a.                                         | Colour                        | IS:3025(Part4):1983(RA:2017)amd. no1 |               | Colourless |
| b.                                         | Odour                         | IS:3025(Part 5):1983(RA:2017)        |               | None       |
| c.                                         | pH Value                      | IS:3025 (Part - 11):1983(RA:2017)    |               | 7.77       |
| d.                                         | Total Suspended Solids,(mg/l) | IS:3025(Part 17)                     |               | 58         |
| e.                                         | Total Dissolved Solids (mg/l) | IS:3025(Part 16):1984(RA.2006)       | -             | 624        |

  
Saurabh Sharma  
29-01-2022  
Reviewer

  
29-01-2022  
PremKumar  
[Authorized Signatory]

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## Test Report

Document QF : 2501

Page 3 of 3

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2201241352<br><b>Sample Reg. Date</b> :24-01-2022<br><b>Report Date</b> :29-01-2022<br><b>Report No.</b> :ICE-2201291875<br><b>NABL ULR No.</b> :TC592622000001668F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

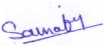
|    |                                                   |                                        |               |
|----|---------------------------------------------------|----------------------------------------|---------------|
| f. | Chemical Oxygen Demand(mg/l)                      | APHA-23rd Edition                      | 120           |
| g. | Bio-chemical Oxygen Demand, mg/l (3 days at 27°C) | IS:3025(P-44)                          | 35            |
| h. | Oil & Grease(mg/l)                                | IS:3025(P-39)                          | <4.0          |
| i. | Free Residual Chlorine (mg/l)                     | IS:3025(Part 26):1986(RA:2014)amd no 1 | BLQ(LOQ:0.03) |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Sampling Procedure: SOP/ITC/EW/030, Purpose - For Self monitoring

**REMARKS :**N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
29-01-2022  
Reviewer

  
29-01-2022  
PremKumar  
[Authorized Signatory]

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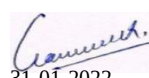
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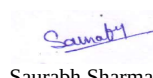
|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2201241353<br><b>Sample Reg. Date</b> :24-01-2022<br><b>Report Date</b> :31-01-2022<br><b>Report No.</b> :ICE-2201311953<br><b>NABL ULR No.</b> :TC592622000001839F<br><b>Customer Ref. No.:</b> Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                 |                               |
|---------------------------------|-------------------------------|
| <b>Test Report as per IS:NA</b> | <b>With Amendment No.(s):</b> |
|---------------------------------|-------------------------------|

### PART A : PARTICULARS OF SAMPLE SUBMITTED

|    |                                            |                                                                                      |
|----|--------------------------------------------|--------------------------------------------------------------------------------------|
| a) | Nature of Sample <sup>#</sup>              | STP Inlet Water (Plant).                                                             |
| b) | Sample Condition                           | Good                                                                                 |
| c) | Grade / Variety / Type / Class / Size etc. | NA                                                                                   |
| d) | Brand Name                                 | NA                                                                                   |
| e) | Declared Values,if any                     | NA                                                                                   |
| f) | Code No.                                   |  |
| g) | Batch Number <sup>#</sup>                  | NA                                                                                   |
| h) | D.O.M <sup>#</sup>                         | NA                                                                                   |
| i) | Date of Expiry <sup>#</sup>                | NA                                                                                   |
| j) | Sample Quantity <sup>#</sup>               | 1 Ltr                                                                                |
| k) | Batch Size/Location <sup>#</sup>           | NA                                                                                   |
| l) | Mode of Packing                            | Packed in bottle                                                                     |
| m) | Date of Receipt                            | 24-01-2022                                                                           |
| n) | Date of Start                              | 24-01-2022                                                                           |
| o) | Date of Completion                         | 31-01-2022                                                                           |
| p) | Seal (Intact/Not Intact/Unsealed)          | NA                                                                                   |
| q) | IO'S Signature (Signed/Unsigned)           | Unsigned                                                                             |
| r) | Any Other Information                      | Sample collected by lab rep. on 21.01.2022                                           |

  
 31-01-2022  
 Gaurav Khandelwal  
 [Authorized Signatory]

  
 Saurabh Sharma  
 31-01-2022  
 Reviewer

  
 01-02-2022  
 PremKumar  
 [Authorized Signatory]

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Document QF : 2501

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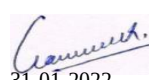
|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2201241353<br><b>Sample Reg. Date</b> :24-01-2022<br><b>Report Date</b> :31-01-2022<br><b>Report No.</b> :ICE-2201311953<br><b>NABL ULR No.</b> :TC592622000001839F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

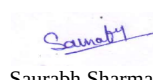
|    |                              |                                           |
|----|------------------------------|-------------------------------------------|
| s) | Test Request Submitted By    | Jhajjar Power Limited-Jhajjar ( Haryana ) |
| t) | Manufactured By <sup>#</sup> | NA                                        |
| u) | Supplied By <sup>#</sup>     | NA                                        |

### PART B : SUPPLEMENTARY INFORMATIONS

|    |                                                                                                                                                              |       |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| a. | Reference to sampling procedure, whenever applicable                                                                                                         | : N/A |
| b. | Supporting documents for the measurement taken and results derived like graphs, tables, sketches and / or photographs as appropriate to test reports, if any | : N/A |
| c. | Deviation from the test methods as prescribed in relevant ISS/WORK Instruments, if any                                                                       | : N/A |

| Description                                |                                     |                          |               |              |
|--------------------------------------------|-------------------------------------|--------------------------|---------------|--------------|
| Description                                |                                     | STP Inlet Water (Plant). |               |              |
| S.No.                                      | Parameters                          | Method                   | Specification | Result       |
| <b>Discipline : Chemical</b>               |                                     |                          |               |              |
| <b>Group : Pollution &amp; Environment</b> |                                     |                          |               |              |
| <b>1. General Parameters</b>               |                                     |                          |               |              |
| a.                                         | Nitrate as NO <sub>3</sub> (mg/l)   | IS:3025(P-34)            |               | BLQ(LOQ:1.0) |
| b.                                         | Calcium(as Ca)(mg/l)                | IS:3025(P-40)            | -             | 35           |
| c.                                         | Magnesium as Mg(mg/l)               | IS:3025(Part-46)         | -             | 12           |
| d.                                         | Sodium(as Na)(mg/l)                 | IS:3025(P-45)            | -             | 25           |
| e.                                         | Potassium as K,(mg/l)               | IS:3025(P-45)            |               | 8            |
| f.                                         | Phosphate as PO <sub>4</sub> (mg/l) | APHA-23rd Edition        |               | BLQ(LOQ:0.1) |
| <b>Discipline : Biological</b>             |                                     |                          |               |              |
| <b>Group : Pollution &amp; Environment</b> |                                     |                          |               |              |

  
31-01-2022  
Gaurav Khandelwal  
[Authorized Signatory]

  
Saurabh Sharma  
31-01-2022  
Reviewer

  
01-02-2022  
PremKumar  
[Authorized Signatory]

### Disclaimer :

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## Test Report

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2201241353<br><b>Sample Reg. Date</b> :24-01-2022<br><b>Report Date</b> :31-01-2022<br><b>Report No.</b> :ICE-2201311953<br><b>NABL ULR No.</b> :TC592622000001839F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

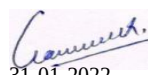
| 1. | Microbiological Tests         |                          |  |                       |
|----|-------------------------------|--------------------------|--|-----------------------|
| a. | Faecal Coliforms, (MPN/100ml) | APHA-23 rd Edn 17-9221 F |  | 2.2 x 10 <sup>4</sup> |
| b. | E.coli, (MPN/100ml)           | APHA-23 rd Edn 17-9221 F |  | 1.1 x 10 <sup>4</sup> |
| c. | Total Coliform (MPN/100ml)    | APHA-23 rd Edn 17-9221 F |  | 3.2 x 10 <sup>4</sup> |

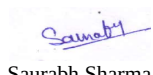
'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Sampling Procedure: SOP/ITC/EW/030, Purpose - For self Monitoring

**REMARKS :**N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
 31-01-2022  
 Gaurav Khandelwal  
 [Authorized Signatory]

  
 Saurabh Sharma  
 31-01-2022  
 Reviewer

  
 01-02-2022  
 PremKumar  
 [Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
 86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
 Panchkula-134109 (Haryana)  
 Phone : (O) 0172-2561543, 2565825  
 Email : customersupport@itclabs.com  
 Visit us :www.itclabs.com

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## Test Report

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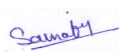
Page 1 of 3

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2201241354<br><b>Sample Reg. Date</b> :24-01-2022<br><b>Report Date</b> :29-01-2022<br><b>Report No.</b> :ICE-2201291876<br><b>NABL ULR No.</b> :TC592622000001667F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                      |                               |
|------------------------------------------------------|-------------------------------|
| <b>Test Report as per IS:</b> EPA Act 1986/PCLS/2010 | <b>With Amendment No.(s):</b> |
|------------------------------------------------------|-------------------------------|

### PART A : PARTICULARS OF SAMPLE SUBMITTED

|    |                                            |                                                                                      |
|----|--------------------------------------------|--------------------------------------------------------------------------------------|
| a) | Nature of Sample #                         | STP Outlet Water (Plant)                                                             |
| b) | Sample Condition                           | Good                                                                                 |
| c) | Grade / Variety / Type / Class / Size etc. | NA                                                                                   |
| d) | Brand Name                                 | NA                                                                                   |
| e) | Declared Values,if any                     | NA                                                                                   |
| f) | Code No.                                   |  |
| g) | Batch Number #                             | NA                                                                                   |
| h) | D.O.M #                                    | NA                                                                                   |
| i) | Date of Expiry #                           | NA                                                                                   |
| j) | Sample Quantity #                          | 2 Ltr                                                                                |
| k) | Batch Size/Location #                      | NA                                                                                   |
| l) | Mode of Packing                            | Packed in bottles                                                                    |
| m) | Date of Receipt                            | 24-01-2022                                                                           |
| n) | Date of Start                              | 24-01-2022                                                                           |
| o) | Date of Completion                         | 29-01-2022                                                                           |
| p) | Seal (Intact/Not Intact/Unsealed)          | NA                                                                                   |
| q) | IO'S Signature (Signed/Unsigned)           | Unsigned                                                                             |
| r) | Any Other Information                      | Sample collected by lab rep. on 21.01.2022                                           |

  
 Saurabh Sharma  
 29-01-2022  
 Reviewer

  
 29-01-2022  
 PremKumar  
 [Authorized Signatory]

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## Test Report

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Page 2 of 3

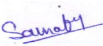
|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2201241354<br><b>Sample Reg. Date</b> :24-01-2022<br><b>Report Date</b> :29-01-2022<br><b>Report No.</b> :ICE-2201291876<br><b>NABL ULR No.</b> :TC592622000001667F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|    |                              |                                           |
|----|------------------------------|-------------------------------------------|
| s) | Test Request Submitted By    | Jhajjar Power Limited-Jhajjar ( Haryana ) |
| t) | Manufactured By <sup>#</sup> | NA                                        |
| u) | Supplied By <sup>#</sup>     | NA                                        |

### PART B : SUPPLEMENTARY INFORMATIONS

|    |                                                                                                                                                              |       |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| a. | Reference to sampling procedure, whenever applicable                                                                                                         | : N/A |
| b. | Supporting documents for the measurement taken and results derived like graphs, tables, sketches and / or photographs as appropriate to test reports, if any | : N/A |
| c. | Deviation from the test methods as prescribed in relevant ISS/WORK Instruments, if any                                                                       | : N/A |

| Description                                |                               |                                      |               |            |
|--------------------------------------------|-------------------------------|--------------------------------------|---------------|------------|
| Description                                |                               | STP Outlet Water (Plant)             |               |            |
| S.No.                                      | Parameters                    | Method                               | Specification | Result     |
| <b>Discipline : Chemical</b>               |                               |                                      |               |            |
| <b>Group : Pollution &amp; Environment</b> |                               |                                      |               |            |
| <b>1. General Parameters</b>               |                               |                                      |               |            |
| a.                                         | Colour                        | IS:3025(Part4):1983(RA:2017)amd. no1 | Not Specified | Colourless |
| b.                                         | Odour                         | IS:3025(Part 5):1983(RA:2017)        | Not Specified | None       |
| c.                                         | pH Value                      | IS:3025 (Part - 11):1983(RA:2017)    | 6.5-9         | 7.99       |
| d.                                         | Total Suspended Solids,(mg/l) | IS:3025(Part 17)                     | Max. 100      | 13         |
| e.                                         | Total Dissolved Solids (mg/l) | IS:3025(Part 16):1984(RA.2006)       | Not Specified | 612        |

  
Saurabh Sharma  
29-01-2022  
Reviewer

  
29-01-2022  
PremKumar  
[Authorized Signatory]

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## Test Report

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2201241354<br><b>Sample Reg. Date</b> :24-01-2022<br><b>Report Date</b> :29-01-2022<br><b>Report No.</b> :ICE-2201291876<br><b>NABL ULR No.</b> :TC592622000001667F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

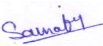
|    |                                                   |                   |               |               |
|----|---------------------------------------------------|-------------------|---------------|---------------|
| f. | Chemical Oxygen Demand(mg/l)                      | APHA-23rd Edition | Not Specified | 66            |
| g. | Bio-chemical Oxygen Demand, mg/l (3 days at 27°C) | IS:3025(P-44)     | Max. 30       | 20            |
| h. | Oil & Grease(mg/l)                                | IS:3025(P-39)     | Max. 10       | <4.0          |
| i. | Free Residual Chlorine (mg/l)                     | IS:3025(P-26)     | Max. 1.0      | BLQ(LOQ:0.03) |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per EPA Act 1986/PCLS/2010. Sampling Procedure: SOP/ITC/EW/030, Purpose - For Self Monitoring

**REMARKS :**N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
29-01-2022  
Reviewer

  
29-01-2022  
PremKumar  
[Authorized Signatory]

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## Test Report

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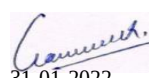
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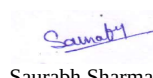
|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2201241355<br><b>Sample Reg. Date</b> :24-01-2022<br><b>Report Date</b> :01-02-2022<br><b>Report No.</b> :ICE-2202010196<br><b>NABL ULR No.</b> :TC592622000001834F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                      |                               |
|------------------------------------------------------|-------------------------------|
| <b>Test Report as per IS:</b> EPA Act 1986/PCLS/2010 | <b>With Amendment No.(s):</b> |
|------------------------------------------------------|-------------------------------|

### PART A : PARTICULARS OF SAMPLE SUBMITTED

|    |                                            |                                                                                      |
|----|--------------------------------------------|--------------------------------------------------------------------------------------|
| a) | Nature of Sample #                         | STP Outlet Water (Plant).                                                            |
| b) | Sample Condition                           | Good                                                                                 |
| c) | Grade / Variety / Type / Class / Size etc. | NA                                                                                   |
| d) | Brand Name                                 | NA                                                                                   |
| e) | Declared Values,if any                     | NA                                                                                   |
| f) | Code No.                                   |  |
| g) | Batch Number #                             | NA                                                                                   |
| h) | D.O.M #                                    | NA                                                                                   |
| i) | Date of Expiry #                           | NA                                                                                   |
| j) | Sample Quantity #                          | 1 Ltr                                                                                |
| k) | Batch Size/Location #                      | NA                                                                                   |
| l) | Mode of Packing                            | Packed in bottle                                                                     |
| m) | Date of Receipt                            | 24-01-2022                                                                           |
| n) | Date of Start                              | 24-01-2022                                                                           |
| o) | Date of Completion                         | 01-02-2022                                                                           |
| p) | Seal (Intact/Not Intact/Unsealed)          | NA                                                                                   |
| q) | IO'S Signature (Signed/Unsigned)           | Unsigned                                                                             |
| r) | Any Other Information                      | Sample collected by lab rep. on 21.01.2022                                           |

  
31-01-2022  
Gaurav Khandelwal  
[Authorized Signatory]

  
Saurabh Sharma  
01-02-2022  
Reviewer

  
01-02-2022  
PremKumar  
[Authorized Signatory]

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## Test Report

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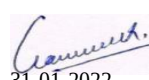
|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2201241355<br><b>Sample Reg. Date</b> :24-01-2022<br><b>Report Date</b> :01-02-2022<br><b>Report No.</b> :ICE-2202010196<br><b>NABL ULR No.</b> :TC592622000001834F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

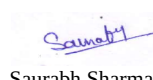
|    |                              |                                           |
|----|------------------------------|-------------------------------------------|
| s) | Test Request Submitted By    | Jhajjar Power Limited-Jhajjar ( Haryana ) |
| t) | Manufactured By <sup>#</sup> | NA                                        |
| u) | Supplied By <sup>#</sup>     | NA                                        |

### PART B : SUPPLIMENTARY INFORMATIONS

|    |                                                                                                                                                              |       |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| a. | Reference to sampling procedure, whenever applicable                                                                                                         | : N/A |
| b. | Supporting documents for the measurement taken and results derived like graphs, tables, sketches and / or photographs as appropriate to test reports, if any | : N/A |
| c. | Deviation from the test methods as prescribed in relevant ISS/WORK Instruments, if any                                                                       | : N/A |

| Description                                |                                      |                           |               |              |
|--------------------------------------------|--------------------------------------|---------------------------|---------------|--------------|
| Description                                |                                      | STP Outlet Water (Plant). |               |              |
| S.No.                                      | Parameters                           | Method                    | Specification | Result       |
| <b>Discipline : Chemical</b>               |                                      |                           |               |              |
| <b>Group : Pollution &amp; Environment</b> |                                      |                           |               |              |
| <b>1. General Parameters</b>               |                                      |                           |               |              |
| a.                                         | Nitrate as NO <sub>3</sub> (mg/l)    | IS 3025 (Part 34)         | Max. 10       | BLQ(LOQ:1.0) |
| b.                                         | Calcium(as Ca)(mg/l)                 | IS:3025(P-40)             | Not Specified | 31           |
| c.                                         | Magnesium as Mg(mg/l)                | IS: 3025 (P-46)           | Not Specified | 12           |
| d.                                         | Sodium(as Na)(mg/l)                  | IS:3025(P-45)             | Not Specified | 26.1         |
| e.                                         | Potassium as K,(mg/l)                | IS:3025(P-45)             | Not Specified | 9.0          |
| f.                                         | Phosphate(as PO <sub>4</sub> ), mg/L | APHA-23rd Edition         | Max. 5.0      | BLQ(LOQ:0.1) |
| <b>Discipline : Biological</b>             |                                      |                           |               |              |
| <b>Group : Pollution &amp; Environment</b> |                                      |                           |               |              |

  
31-01-2022  
Gaurav Khandelwal  
[Authorized Signatory]

  
Saurabh Sharma  
01-02-2022  
Reviewer

  
01-02-2022  
PremKumar  
[Authorized Signatory]

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## Test Report

Document QF : 2501

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2201241355<br><b>Sample Reg. Date</b> :24-01-2022<br><b>Report Date</b> :01-02-2022<br><b>Report No.</b> :ICE-2202010196<br><b>NABL ULR No.</b> :TC592622000001834F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

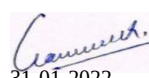
| 1. | Microbiological Tests      |                          |               |      |
|----|----------------------------|--------------------------|---------------|------|
| a. | Faecal Coliform, MPN/100ml | APHA-23 rd Edn 17-9221 F | Max. 1000     | <1.8 |
| b. | E.coli, (MPN/100ml)        | APHA 23rd Edn 17-9221 E  | Not Specified | <1.8 |
| c. | Total Coliform (MPN/100ml) | APHA-23 rd Edn 17-9221 F | Not Specified | 47   |

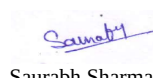
'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per EPA Act 1986/PCLS/2010. Sampling Procedure: SOP/ITC/EW/030, Purpose - For Self Monitoring

**REMARKS :**N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
31-01-2022  
Gaurav Khandelwal  
[Authorized Signatory]

  
Saurabh Sharma  
01-02-2022  
Reviewer

  
01-02-2022  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
Panchkula-134109 (Haryana)  
Phone : (O) 0172-2561543, 2565825  
Email : customersupport@itclabs.com  
Visit us :www.itclabs.com

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## Test Report

Document QF : 2501

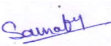
Page 1 of 3

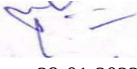
|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2201241348<br><b>Sample Reg. Date</b> :24-01-2022<br><b>Report Date</b> :29-01-2022<br><b>Report No.</b> :ICE-2201291873<br><b>NABL ULR No.</b> :TC592622000001663F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                 |                               |
|---------------------------------|-------------------------------|
| <b>Test Report as per IS:NA</b> | <b>With Amendment No.(s):</b> |
|---------------------------------|-------------------------------|

### PART A : PARTICULARS OF SAMPLE SUBMITTED

|    |                                            |                                                                                      |
|----|--------------------------------------------|--------------------------------------------------------------------------------------|
| a) | Nature of Sample #                         | STP Inlet Water (Township)                                                           |
| b) | Sample Condition                           | Good                                                                                 |
| c) | Grade / Variety / Type / Class / Size etc. | NA                                                                                   |
| d) | Brand Name                                 | NA                                                                                   |
| e) | Declared Values,if any                     | NA                                                                                   |
| f) | Code No.                                   |  |
| g) | Batch Number #                             | NA                                                                                   |
| h) | D.O.M #                                    | NA                                                                                   |
| i) | Date of Expiry #                           | NA                                                                                   |
| j) | Sample Quantity #                          | 2 Ltr                                                                                |
| k) | Batch Size/Location #                      | NA                                                                                   |
| l) | Mode of Packing                            | Packed in bottles                                                                    |
| m) | Date of Receipt                            | 24-01-2022                                                                           |
| n) | Date of Start                              | 24-01-2022                                                                           |
| o) | Date of Completion                         | 29-01-2022                                                                           |
| p) | Seal (Intact/Not Intact/Unsealed)          | NA                                                                                   |
| q) | IO'S Signature (Signed/Unsigned)           | Unsigned                                                                             |
| r) | Any Other Information                      | Sample collected by lab rep. on 21.01.2022                                           |

  
Saurabh Sharma  
29-01-2022  
Reviewer

  
29-01-2022  
PremKumar  
[Authorized Signatory]

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## Test Report

Document QF : 2501

Page 2 of 3

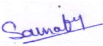
|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2201241348<br><b>Sample Reg. Date</b> :24-01-2022<br><b>Report Date</b> :29-01-2022<br><b>Report No.</b> :ICE-2201291873<br><b>NABL ULR No.</b> :TC592622000001663F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|    |                              |                                           |
|----|------------------------------|-------------------------------------------|
| s) | Test Request Submitted By    | Jhajjar Power Limited-Jhajjar ( Haryana ) |
| t) | Manufactured By <sup>#</sup> | NA                                        |
| u) | Supplied By <sup>#</sup>     | NA                                        |

### PART B : SUPPLEMENTARY INFORMATIONS

|    |                                                                                                                                                              |       |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| a. | Reference to sampling procedure, whenever applicable                                                                                                         | : N/A |
| b. | Supporting documents for the measurement taken and results derived like graphs, tables, sketches and / or photographs as appropriate to test reports, if any | : N/A |
| c. | Deviation from the test methods as prescribed in relevant ISS/WORK Instruments, if any                                                                       | : N/A |

| Description                                |                               |                                      |               |               |
|--------------------------------------------|-------------------------------|--------------------------------------|---------------|---------------|
| Description                                |                               | STP Inlet Water (Township)           |               |               |
| S.No.                                      | Parameters                    | Method                               | Specification | Result        |
| <b>Discipline : Chemical</b>               |                               |                                      |               |               |
| <b>Group : Pollution &amp; Environment</b> |                               |                                      |               |               |
| <b>1. General Parameters</b>               |                               |                                      |               |               |
| a.                                         | Colour                        | IS:3025(Part4):1983(RA:2017)amd. no1 |               | Light Greyish |
| b.                                         | Odour                         | IS:3025(Part 5):1983(RA:2017)        |               | Mild          |
| c.                                         | pH Value                      | IS:3025 (Part - 11):1983(RA:2017)    |               | 7.44          |
| d.                                         | Total Suspended Solids,(mg/l) | IS:3025(Part 17)                     |               | 84            |
| e.                                         | Total Dissolved Solids (mg/l) | IS:3025(Part 16):1984(RA.2006)       | -             | 1353          |

  
Saurabh Sharma  
29-01-2022  
Reviewer

  
29-01-2022  
PremKumar  
[Authorized Signatory]

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## Test Report

Document QF : 2501

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2201241348<br><b>Sample Reg. Date</b> :24-01-2022<br><b>Report Date</b> :29-01-2022<br><b>Report No.</b> :ICE-2201291873<br><b>NABL ULR No.</b> :TC592622000001663F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

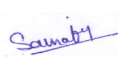
|    |                                                   |                                        |               |
|----|---------------------------------------------------|----------------------------------------|---------------|
| f. | Chemical Oxygen Demand(mg/l)                      | APHA-23rd Edition                      | 105           |
| g. | Bio-chemical Oxygen Demand, mg/l (3 days at 27°C) | IS:3025(P-44)                          | 33            |
| h. | Oil & Grease(mg/l)                                | IS:3025(P-39)                          | 4.8           |
| i. | Free Residual Chlorine (mg/l)                     | IS:3025(Part 26):1986(RA:2014)amd no 1 | BLQ(LOQ:0.03) |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Sampling Procedure: SOP/ITC/EW/030, Purpose - For Self Monitoring

**REMARKS :**N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
29-01-2022  
Reviewer

  
29-01-2022  
PremKumar  
[Authorized Signatory]

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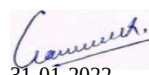
Page 1 of 3

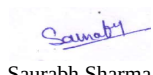
|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2201241349<br><b>Sample Reg. Date</b> :24-01-2022<br><b>Report Date</b> :31-01-2022<br><b>Report No.</b> :ICE-2201311948<br><b>NABL ULR No.</b> :TC592622000001729F<br><b>Customer Ref. No.:</b> Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                 |                               |
|---------------------------------|-------------------------------|
| <b>Test Report as per IS:NA</b> | <b>With Amendment No.(s):</b> |
|---------------------------------|-------------------------------|

### PART A : PARTICULARS OF SAMPLE SUBMITTED

|    |                                            |                                                                                      |
|----|--------------------------------------------|--------------------------------------------------------------------------------------|
| a) | Nature of Sample #                         | STP Inlet Water (Township).                                                          |
| b) | Sample Condition                           | Good                                                                                 |
| c) | Grade / Variety / Type / Class / Size etc. | NA                                                                                   |
| d) | Brand Name                                 | NA                                                                                   |
| e) | Declared Values,if any                     | NA                                                                                   |
| f) | Code No.                                   |  |
| g) | Batch Number #                             | NA                                                                                   |
| h) | D.O.M #                                    | NA                                                                                   |
| i) | Date of Expiry #                           | NA                                                                                   |
| j) | Sample Quantity #                          | 1 Ltr                                                                                |
| k) | Batch Size/Location #                      | NA                                                                                   |
| l) | Mode of Packing                            | Packed in bottle                                                                     |
| m) | Date of Receipt                            | 24-01-2022                                                                           |
| n) | Date of Start                              | 24-01-2022                                                                           |
| o) | Date of Completion                         | 31-01-2022                                                                           |
| p) | Seal (Intact/Not Intact/Unsealed)          | NA                                                                                   |
| q) | IO'S Signature (Signed/Unsigned)           | Unsigned                                                                             |
| r) | Any Other Information                      | Sample collected by lab rep. on 21.01.2022                                           |

  
31-01-2022  
Gaurav Khandelwal  
[Authorized Signatory]

  
Saurabh Sharma  
31-01-2022  
Reviewer

  
31-01-2022  
PremKumar  
[Authorized Signatory]

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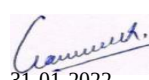
|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2201241349<br><b>Sample Reg. Date</b> :24-01-2022<br><b>Report Date</b> :31-01-2022<br><b>Report No.</b> :ICE-2201311948<br><b>NABL ULR No.</b> :TC592622000001729F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
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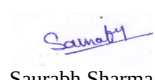
|    |                              |                                           |
|----|------------------------------|-------------------------------------------|
| s) | Test Request Submitted By    | Jhajjar Power Limited-Jhajjar ( Haryana ) |
| t) | Manufactured By <sup>#</sup> | NA                                        |
| u) | Supplied By <sup>#</sup>     | NA                                        |

### PART B : SUPPLEMENTARY INFORMATIONS

|    |                                                                                                                                                              |       |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| a. | Reference to sampling procedure, whenever applicable                                                                                                         | : N/A |
| b. | Supporting documents for the measurement taken and results derived like graphs, tables, sketches and / or photographs as appropriate to test reports, if any | : N/A |
| c. | Deviation from the test methods as prescribed in relevant ISS/WORK Instruments, if any                                                                       | : N/A |

| Description                                |                                     |                             |               |              |
|--------------------------------------------|-------------------------------------|-----------------------------|---------------|--------------|
| Description                                |                                     | STP Inlet Water (Township). |               |              |
| S.No.                                      | Parameters                          | Method                      | Specification | Result       |
| <b>Discipline : Chemical</b>               |                                     |                             |               |              |
| <b>Group : Pollution &amp; Environment</b> |                                     |                             |               |              |
| <b>1.</b>                                  | <b>General Parameters</b>           |                             |               |              |
| a.                                         | Nitrate as NO <sub>3</sub> (mg/l)   | IS:3025(P-34)               |               | BLQ(LOQ:1.0) |
| b.                                         | Calcium(as Ca)(mg/l)                | IS:3025(P-40)               | -             | 49           |
| c.                                         | Magnesium as Mg(mg/l)               | IS:3025(Part-46)            | -             | 22           |
| d.                                         | Sodium(as Na)(mg/l)                 | IS:3025(P-45)               | -             | 87           |
| e.                                         | Potassium as K,(mg/l)               | IS:3025(P-45)               |               | 12           |
| f.                                         | Phosphate as PO <sub>4</sub> (mg/l) | APHA-23rd Edition           |               | 2.6          |
| <b>Discipline : Biological</b>             |                                     |                             |               |              |
| <b>Group : Pollution &amp; Environment</b> |                                     |                             |               |              |

  
31-01-2022  
Gaurav Khandelwal  
[Authorized Signatory]

  
Saurabh Sharma  
31-01-2022  
Reviewer

  
31-01-2022  
PremKumar  
[Authorized Signatory]

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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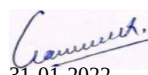
| 1. | Microbiological Tests         |                          |  |                       |
|----|-------------------------------|--------------------------|--|-----------------------|
| a. | Faecal Coliforms, (MPN/100ml) | APHA-23 rd Edn 17-9221 F |  | 1.8 x 10 <sup>5</sup> |
| b. | <i>E.coli</i> , (MPN/100ml)   | APHA-23 rd Edn 17-9221 F |  | 6.9 x 10 <sup>4</sup> |
| c. | Total Coliform (MPN/100ml)    | APHA-23 rd Edn 17-9221 F |  | 5.4 x 10 <sup>5</sup> |

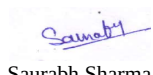
'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Sampling Procedure: SOP/ITC/EW/030, Purpose - For Self Monitoring

**REMARKS :**N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
31-01-2022  
Gaurav Khandelwal  
[Authorized Signatory]

  
Saurabh Sharma  
31-01-2022  
Reviewer

  
31-01-2022  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
Panchkula-134109 (Haryana)  
Phone : (O) 0172-2561543, 2565825  
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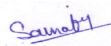
Page 1 of 3

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2201241350<br><b>Sample Reg. Date</b> :24-01-2022<br><b>Report Date</b> :29-01-2022<br><b>Report No.</b> :ICE-2201291874<br><b>NABL ULR No.</b> :TC592622000001669F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                      |                               |
|------------------------------------------------------|-------------------------------|
| <b>Test Report as per IS:</b> EPA Act 1986/PCLS/2010 | <b>With Amendment No.(s):</b> |
|------------------------------------------------------|-------------------------------|

### PART A : PARTICULARS OF SAMPLE SUBMITTED

|    |                                            |                                                                                      |
|----|--------------------------------------------|--------------------------------------------------------------------------------------|
| a) | Nature of Sample #                         | STP Outlet Water (Township)                                                          |
| b) | Sample Condition                           | Good                                                                                 |
| c) | Grade / Variety / Type / Class / Size etc. | NA                                                                                   |
| d) | Brand Name                                 | NA                                                                                   |
| e) | Declared Values,if any                     | NA                                                                                   |
| f) | Code No.                                   |  |
| g) | Batch Number #                             | NA                                                                                   |
| h) | D.O.M #                                    | NA                                                                                   |
| i) | Date of Expiry #                           | NA                                                                                   |
| j) | Sample Quantity #                          | 2 Ltr                                                                                |
| k) | Batch Size/Location #                      | NA                                                                                   |
| l) | Mode of Packing                            | Packed in bottles                                                                    |
| m) | Date of Receipt                            | 24-01-2022                                                                           |
| n) | Date of Start                              | 24-01-2022                                                                           |
| o) | Date of Completion                         | 29-01-2022                                                                           |
| p) | Seal (Intact/Not Intact/Unsealed)          | NA                                                                                   |
| q) | IO'S Signature (Signed/Unsigned)           | Unsigned                                                                             |
| r) | Any Other Information                      | Sample collected by lab rep. on 21.01.2022                                           |

  
Saurabh Sharma  
29-01-2022  
Reviewer

  
29-01-2022  
PremKumar  
[Authorized Signatory]

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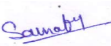
|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2201241350<br><b>Sample Reg. Date</b> :24-01-2022<br><b>Report Date</b> :29-01-2022<br><b>Report No.</b> :ICE-2201291874<br><b>NABL ULR No.</b> :TC592622000001669F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
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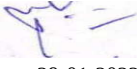
|    |                              |                                           |
|----|------------------------------|-------------------------------------------|
| s) | Test Request Submitted By    | Jhajjar Power Limited-Jhajjar ( Haryana ) |
| t) | Manufactured By <sup>#</sup> | NA                                        |
| u) | Supplied By <sup>#</sup>     | NA                                        |

### PART B : SUPPLEMENTARY INFORMATIONS

|    |                                                                                                                                                              |       |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| a. | Reference to sampling procedure, whenever applicable                                                                                                         | : N/A |
| b. | Supporting documents for the measurement taken and results derived like graphs, tables, sketches and / or photographs as appropriate to test reports, if any | : N/A |
| c. | Deviation from the test methods as prescribed in relevant ISS/WORK Instruments, if any                                                                       | : N/A |

| Description                                |                               |                                      |               |            |
|--------------------------------------------|-------------------------------|--------------------------------------|---------------|------------|
| Description                                |                               | STP Outlet Water (Township)          |               |            |
| S.No.                                      | Parameters                    | Method                               | Specification | Result     |
| <b>Discipline : Chemical</b>               |                               |                                      |               |            |
| <b>Group : Pollution &amp; Environment</b> |                               |                                      |               |            |
| <b>1. General Parameters</b>               |                               |                                      |               |            |
| a.                                         | Colour                        | IS:3025(Part4):1983(RA:2017)amd. no1 | Not Specified | Colourless |
| b.                                         | Odour                         | IS:3025(Part 5):1983(RA:2017)        | Not Specified | None       |
| c.                                         | pH Value                      | IS:3025 (Part - 11):1983(RA:2017)    | 6.5-9         | 7.51       |
| d.                                         | Total Suspended Solids,(mg/l) | IS:3025(Part 17)                     | Max. 100      | 20         |
| e.                                         | Total Dissolved Solids (mg/l) | IS:3025(Part 16):1984(RA.2006)       | Not Specified | 1330       |

  
Saurabh Sharma  
29-01-2022  
Reviewer

  
29-01-2022  
PremKumar  
[Authorized Signatory]

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## Test Report

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2201241350<br><b>Sample Reg. Date</b> :24-01-2022<br><b>Report Date</b> :29-01-2022<br><b>Report No.</b> :ICE-2201291874<br><b>NABL ULR No.</b> :TC592622000001669F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
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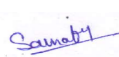
|    |                                                   |                   |               |               |
|----|---------------------------------------------------|-------------------|---------------|---------------|
| f. | Chemical Oxygen Demand(mg/l)                      | APHA-23rd Edition | Not Specified | 74            |
| g. | Bio-chemical Oxygen Demand, mg/l (3 days at 27°C) | IS:3025(P-44)     | Max. 30       | 20            |
| h. | Oil & Grease(mg/l)                                | IS:3025(P-39)     | Max. 10       | <4.0          |
| i. | Free Residual Chlorine (mg/l)                     | IS:3025(P-26)     | Max. 1.0      | BLQ(LOQ:0.03) |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per EPA Act 1986/PCLS/2010. Sampling Procedure: SOP/ITC/EW/030, Purpose - For Self Monitoring

**REMARKS :**N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
29-01-2022  
Reviewer

  
29-01-2022  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
Panchkula-134109 (Haryana)  
Phone : (O) 0172-2561543, 2565825  
Email : customersupport@itclabs.com  
Visit us :www.itclabs.com

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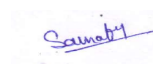
|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2201241351<br><b>Sample Reg. Date</b> :24-01-2022<br><b>Report Date</b> :01-02-2022<br><b>Report No.</b> :ICE-2202010202<br><b>NABL ULR No.</b> :TC592622000001837F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                      |                               |
|------------------------------------------------------|-------------------------------|
| <b>Test Report as per IS:</b> EPA Act 1986/PCLS/2010 | <b>With Amendment No.(s):</b> |
|------------------------------------------------------|-------------------------------|

### PART A : PARTICULARS OF SAMPLE SUBMITTED

|    |                                            |                                                                                      |
|----|--------------------------------------------|--------------------------------------------------------------------------------------|
| a) | Nature of Sample #                         | STP Outlet Water (Township).                                                         |
| b) | Sample Condition                           | Good                                                                                 |
| c) | Grade / Variety / Type / Class / Size etc. | NA                                                                                   |
| d) | Brand Name                                 | NA                                                                                   |
| e) | Declared Values,if any                     | NA                                                                                   |
| f) | Code No.                                   |  |
| g) | Batch Number #                             | NA                                                                                   |
| h) | D.O.M #                                    | NA                                                                                   |
| i) | Date of Expiry #                           | NA                                                                                   |
| j) | Sample Quantity #                          | 1 Ltr                                                                                |
| k) | Batch Size/Location #                      | NA                                                                                   |
| l) | Mode of Packing                            | Packed in bottle                                                                     |
| m) | Date of Receipt                            | 24-01-2022                                                                           |
| n) | Date of Start                              | 24-01-2022                                                                           |
| o) | Date of Completion                         | 01-02-2022                                                                           |
| p) | Seal (Intact/Not Intact/Unsealed)          | NA                                                                                   |
| q) | IO'S Signature (Signed/Unsigned)           | Unsigned                                                                             |
| r) | Any Other Information                      | Sample collected by lab rep. on 21.01.2022                                           |

  
31-01-2022  
Gaurav Khandelwal  
[Authorized Signatory]

  
Saurabh Sharma  
01-02-2022  
Reviewer

  
01-02-2022  
PremKumar  
[Authorized Signatory]

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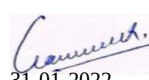
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|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
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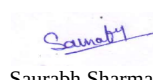
|    |                              |                                           |
|----|------------------------------|-------------------------------------------|
| s) | Test Request Submitted By    | Jhajjar Power Limited-Jhajjar ( Haryana ) |
| t) | Manufactured By <sup>#</sup> | NA                                        |
| u) | Supplied By <sup>#</sup>     | NA                                        |

### PART B : SUPPLIMENTARY INFORMATIONS

|    |                                                                                                                                                              |       |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| a. | Reference to sampling procedure, whenever applicable                                                                                                         | : N/A |
| b. | Supporting documents for the measurement taken and results derived like graphs, tables, sketches and / or photographs as appropriate to test reports, if any | : N/A |
| c. | Deviation from the test methods as prescribed in relevant ISS/WORK Instruments, if any                                                                       | : N/A |

| Description                                |                                      |                              |               |              |
|--------------------------------------------|--------------------------------------|------------------------------|---------------|--------------|
| Description                                |                                      | STP Outlet Water (Township). |               |              |
| S.No.                                      | Parameters                           | Method                       | Specification | Result       |
| <b>Discipline : Chemical</b>               |                                      |                              |               |              |
| <b>Group : Pollution &amp; Environment</b> |                                      |                              |               |              |
| <b>1.</b>                                  | <b>General Parameters</b>            |                              |               |              |
| a.                                         | Nitrate as NO <sub>3</sub> (mg/l)    | IS 3025 (Part 34)            | Max. 10       | BLQ(LOQ:1.0) |
| b.                                         | Calcium(as Ca)(mg/l)                 | IS:3025(P-40)                | Not Specified | 108          |
| c.                                         | Magnesium as Mg(mg/l)                | IS: 3025 (P-46)              | Not Specified | 30           |
| d.                                         | Sodium(as Na)(mg/l)                  | IS:3025(P-45)                | Not Specified | 75           |
| e.                                         | Potassium as K,(mg/l)                | IS:3025(P-45)                | Not Specified | 12           |
| f.                                         | Phosphate(as PO <sub>4</sub> ), mg/L | APHA-23rd Edition            | Max. 5.0      | BLQ(LOQ:0.1) |
| <b>Discipline : Biological</b>             |                                      |                              |               |              |
| <b>Group : Pollution &amp; Environment</b> |                                      |                              |               |              |

  
31-01-2022  
Gaurav Khandelwal  
[Authorized Signatory]

  
Saurabh Sharma  
01-02-2022  
Reviewer

  
01-02-2022  
PremKumar  
[Authorized Signatory]

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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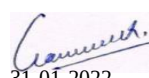
| 1. | Microbiological Tests      |                          |               |      |
|----|----------------------------|--------------------------|---------------|------|
| a. | Faecal Coliform, MPN/100ml | APHA-23 rd Edn 17-9221 F | Max. 1000     | <1.8 |
| b. | E.coli, (MPN/100ml)        | APHA 23rd Edn 17-9221 E  | Not Specified | <1.8 |
| c. | Total Coliform (MPN/100ml) | APHA-23 rd Edn 17-9221 F | Not Specified | 70   |

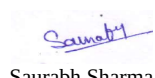
'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per EPA Act 1986/PCLS/2010. Sampling Procedure: SOP/ITC/EW/030, Purpose - For Self Monitoring

**REMARKS :**N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
31-01-2022  
Gaurav Khandelwal  
[Authorized Signatory]

  
Saurabh Sharma  
01-02-2022  
Reviewer

  
01-02-2022  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
Panchkula-134109 (Haryana)  
Phone : (O) 0172-2561543, 2565825  
Email : customersupport@itclabs.com  
Visit us :www.itclabs.com

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

**Test Report as per :** : EPA Act 1986/PCLS/2010

### General Information :

|                       |                       |
|-----------------------|-----------------------|
| Name of Sample        | : Ambient Noise       |
| Date of Monitoring    | : 14-01-2022          |
| Time of Monitoring    | : Day & Night         |
| Nature of Industry    | : Thermal Power Plant |
| Purpose of Monitoring | : For Self Monitoring |

### Description

Description : Noise Monitoring

| S.No.                                | Parameters                              | Method                     | Specification | Result |
|--------------------------------------|-----------------------------------------|----------------------------|---------------|--------|
| <b>Discipline : Chemical</b>         |                                         |                            |               |        |
| <b>Group : Atmospheric Pollution</b> |                                         |                            |               |        |
| <b>1.</b>                            | <b>Location Name</b>                    |                            |               |        |
| a.                                   | Near Gate No.1 (Day Time), Leq dB (A)   | IS: 9989 (Reaffirmed 2014) | Max. 75.0     | 69.0   |
| b.                                   | Near Gate No.1 (Night Time), Leq dB (A) | IS: 9989 (Reaffirmed 2014) | Max. 70.0     | 61.8   |
| c.                                   | Near Gate No.2 (Day Time), Leq dB (A)   | IS: 9989 (Reaffirmed 2014) | Max. 75.0     | 68.3   |
| d.                                   | Near Gate No.2 (Night Time), Leq dB (A) | IS: 9989 (Reaffirmed 2014) | Max. 70.0     | 63.0   |
| e.                                   | Near Gate No.3 (Day Time), Leq dB (A)   | IS: 9989 (Reaffirmed 2014) | Max. 75.0     | 65.6   |
| f.                                   | Near Gate No.3 (Night Time), Leq dB (A) | IS: 9989 (Reaffirmed 2014) | Max. 70.0     | 55.9   |

Saurabh Sharma  
18-01-2022  
Reviewer

18-01-2022  
PremKumar  
[Authorized Signatory]

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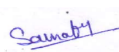
|                                                                                                             |                                           |                                                                                                                                                                                                                                                                                     |           |      |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar |                                           | <b>Sample Reg. No.</b> :E01-2201170918<br><b>Sample Reg. Date</b> :17-01-2022<br><b>Report Date</b> :18-01-2022<br><b>Report No.</b> :ICE-2201181118<br><b>NABL ULR No.</b> :TC592622000000855F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |           |      |
| g.                                                                                                          | Near Guest House (Day Time), Leq dB (A)   | IS: 9989 (Reaffirmed 2014)                                                                                                                                                                                                                                                          | Max. 75.0 | 58.2 |
| h.                                                                                                          | Near Guest House (Night Time), Leq dB (A) | IS: 9989 (Reaffirmed 2014)                                                                                                                                                                                                                                                          | Max. 70.0 | 53.9 |
| i.                                                                                                          | Near D Block (Day Time), Leq dB (A)       | IS: 9989 (Reaffirmed 2014)                                                                                                                                                                                                                                                          | Max. 75.0 | 56.3 |
| j.                                                                                                          | Near D Block (Night Time), Leq dB (A)     | IS: 9989 (Reaffirmed 2014)                                                                                                                                                                                                                                                          | Max. 70.0 | 53.3 |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, Requirements as per EPA Act 1986/PCLS/2010, Sampling Procedure : SOP/ITC/EW/056. Day Time - 06 :00 Hrs To 22 :00 Hrs, Night Time - 22 :00 Hrs To 06 :00 Hrs

**REMARKS :**N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
 Saurabh Sharma  
 18-01-2022  
 Reviewer

  
 18-01-2022  
 PremKumar  
 [Authorized Signatory]

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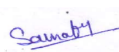
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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2202080382<br><b>Sample Reg. Date</b> :08-02-2022<br><b>Report Date</b> :15-02-2022<br><b>Report No.</b> :ICE-2202150877<br><b>NABL ULR No.</b> :TC592622000002579F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                   |                       |
|-----------------------------------|-----------------------|
| <b>Test Report as per :</b>       | : NAAQS 2009          |
| <b>General Information :</b>      |                       |
| Location of Sampling Point        | : Near Gate No.3      |
| Date of Monitoring                | : 03-02-2022          |
| Time of Monitoring                | : 10:40 hrs           |
| Purpose of Monitoring             | : For Self Monitoring |
| Duration of Monitoring,minutes    | : 1440                |
| Avg. Flow Rate of Sampling,m3/min | : 1.32                |
| Volume of air sampled,m3          | : 1935.20             |
| Avg. Ambient Temperature,°C       | : 12                  |

| <b>Description</b> |                                                           |                                |               |        |
|--------------------|-----------------------------------------------------------|--------------------------------|---------------|--------|
| Description        |                                                           | Ambient Air Quality Monitoring |               |        |
| S.No.              | Parameters                                                | Method                         | Specification | Result |
|                    | <b>Discipline : Chemical</b>                              |                                |               |        |
|                    | <b>Group : Atmospheric Pollution</b>                      |                                |               |        |
| 1.                 | <b>Ambient Air Quality Parameters</b>                     |                                |               |        |
| a.                 | Sulphur Dioxide(SO <sub>2</sub> ),µg/m <sup>3</sup>       | IS:5182(P-2)                   | 80 Max        | 9.98   |
| b.                 | Nitrogen Dioxide(NO <sub>2</sub> ),µg/m <sup>3</sup>      | IS:5182(P-6)                   | 80 Max        | 19.08  |
| c.                 | Particulate Matter (PM <sub>10</sub> ),µg/m <sup>3</sup>  | IS:5182(P-23)                  | 100 Max       | 124.22 |
| d.                 | Particulate matter (PM <sub>2.5</sub> ),µg/m <sup>3</sup> | STP/ITC/EW-01                  | 60 Max        | 50.08  |

  
Saurabh Sharma  
15-02-2022  
Reviewer

  
15-02-2022  
PremKumar  
[Authorized Signatory]

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## Test Report

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

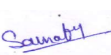
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| e. | Ozone(O <sub>3</sub> ),µg/m <sup>3</sup>                   | IS:5182(P-9)                                      | 180 Max | 18.57         |
| f. | Lead(As Pb),µg/m <sup>3</sup>                              | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max | BLQ(LOQ:0.1)  |
| g. | Carbon Monoxide(CO),mg/m <sup>3</sup>                      | IS:5182(P-10)                                     | 4 Max   | 1.5           |
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | 25.52         |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ(LOQ: 1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE** : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per NAAQS 2009.  
Sampling Procedure: SOP/ITC/EW/056

**REMARKS** :N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
15-02-2022  
Reviewer

  
15-02-2022  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
Panchkula-134109 (Haryana)  
Phone : (O) 0172-2561543, 2565825  
Email : customersupport@itclabs.com  
Visit us :www.itclabs.com

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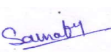
## Test Report

Document QF : 2501  
Page 1 of 2

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2202080381<br><b>Sample Reg. Date</b> :08-02-2022<br><b>Report Date</b> :15-02-2022<br><b>Report No.</b> :ICE-2202150876<br><b>NABL ULR No.</b> :TC592622000002584F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                   |                       |
|-----------------------------------|-----------------------|
| <b>Test Report as per :</b>       | : NAAQS 2009          |
| <b>General Information :</b>      |                       |
| Location of Sampling Point        | : Near Block C-6      |
| Date of Monitoring                | : 03-02-2022          |
| Time of Monitoring                | : 11:00 Hrs           |
| Purpose of Monitoring             | : For Self Monitoring |
| Duration of Monitoring,minutes    | : 1440                |
| Avg. Flow Rate of Sampling,m3/min | : 1.32                |
| Volume of air sampled,m3          | : 1935.20             |
| Avg. Ambient Temperature,°C       | : 12                  |

| <b>Description</b> |                                                           |                                |               |        |
|--------------------|-----------------------------------------------------------|--------------------------------|---------------|--------|
| Description        |                                                           | Ambient Air Quality Monitoring |               |        |
| S.No.              | Parameters                                                | Method                         | Specification | Result |
|                    | <b>Discipline : Chemical</b>                              |                                |               |        |
|                    | <b>Group : Atmospheric Pollution</b>                      |                                |               |        |
| 1.                 | <b>Ambient Air Quality Parameters</b>                     |                                |               |        |
| a.                 | Sulphur Dioxide(SO <sub>2</sub> ),µg/m <sup>3</sup>       | IS:5182(P-2)                   | 80 Max        | 6.45   |
| b.                 | Nitrogen Dioxide(NO <sub>2</sub> ),µg/m <sup>3</sup>      | IS:5182(P-6)                   | 80 Max        | 13.31  |
| c.                 | Particulate Matter (PM <sub>10</sub> ),µg/m <sup>3</sup>  | IS:5182(P-23)                  | 100 Max       | 107.22 |
| d.                 | Particulate matter (PM <sub>2.5</sub> ),µg/m <sup>3</sup> | STP/ITC/EW-01                  | 60 Max        | 51.35  |

  
Saurabh Sharma  
15-02-2022  
Reviewer

  
15-02-2022  
PremKumar  
[Authorized Signatory]

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## Test Report

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2202080381<br><b>Sample Reg. Date</b> :08-02-2022<br><b>Report Date</b> :15-02-2022<br><b>Report No.</b> :ICE-2202150876<br><b>NABL ULR No.</b> :TC592622000002584F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

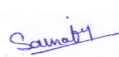
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| e. | Ozone(O <sub>3</sub> ),µg/m <sup>3</sup>                   | IS:5182(P-9)                                      | 180 Max | 16.30         |
| f. | Lead(As Pb),µg/m <sup>3</sup>                              | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max | BLQ(LOQ:0.1)  |
| g. | Carbon Monoxide(CO),mg/m <sup>3</sup>                      | IS:5182(P-10)                                     | 4 Max   | 1.1           |
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | BLQ(LOQ: 20)  |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ(LOQ: 1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE** : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per NAAQS 2009.  
Sampling Procedure: SOP/ITC/EW/056

**REMARKS** :N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
15-02-2022  
Reviewer

  
15-02-2022  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
Panchkula-134109 (Haryana)  
Phone : (O) 0172-2561543, 2565825  
Email : customersupport@itclabs.com  
Visit us :www.itclabs.com

### Disclaimer :

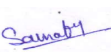
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## Test Report

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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2202080383<br><b>Sample Reg. Date</b> :08-02-2022<br><b>Report Date</b> :15-02-2022<br><b>Report No.</b> :ICE-2202150878<br><b>NABL ULR No.</b> :TC592622000002572F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                   |                       |
|-----------------------------------|-----------------------|
| <b>Test Report as per :</b>       | : NAAQS 2009          |
| <b>General Information :</b>      |                       |
| Location of Sampling Point        | : Village- Khanpur    |
| Date of Monitoring                | : 03-02-2022          |
| Time of Monitoring                | : 10:30 hrs           |
| Purpose of Monitoring             | : For Self Monitoring |
| Duration of Monitoring,minutes    | : 1440                |
| Avg. Flow Rate of Sampling,m3/min | : 1.33                |
| Volume of air sampled,m3          | : 1956.73             |
| Avg. Ambient Temperature,°C       | : 11                  |

| Description |                                   |                                |               |        |
|-------------|-----------------------------------|--------------------------------|---------------|--------|
| Description |                                   | Ambient Air Quality Monitoring |               |        |
|             |                                   |                                |               |        |
| S.No.       | Parameters                        | Method                         | Specification | Result |
|             | Discipline : Chemical             |                                |               |        |
|             | Group : Atmospheric Pollution     |                                |               |        |
| 1.          | Ambient Air Quality Parameters    |                                |               |        |
| a.          | Sulphur Dioxide(SO2),µg/m3        | IS:5182(P-2)                   | 80 Max        | 13.45  |
| b.          | Nitrogen Dioxide(NO2),µg/m3       | IS:5182(P-6)                   | 80 Max        | 26.97  |
| c.          | Particulate Matter (PM10),µg/m3   | IS:5182(P-23)                  | 100 Max       | 139.26 |
| d.          | Particulate matter (PM 2.5),µg/m3 | STP/ITC/EW-01                  | 60 Max        | 57.24  |

  
Saurabh Sharma  
15-02-2022  
Reviewer

  
15-02-2022  
PremKumar  
[Authorized Signatory]

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## Test Report

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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2202080383<br><b>Sample Reg. Date</b> :08-02-2022<br><b>Report Date</b> :15-02-2022<br><b>Report No.</b> :ICE-2202150878<br><b>NABL ULR No.</b> :TC592622000002572F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

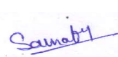
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| e. | Ozone(O <sub>3</sub> ),µg/m <sup>3</sup>                   | IS:5182(P-9)                                      | 180 Max | 18.23         |
| f. | Lead(As Pb),µg/m <sup>3</sup>                              | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max | BLQ(LOQ:0.1)  |
| g. | Carbon Monoxide(CO),mg/m <sup>3</sup>                      | IS:5182(P-10)                                     | 4 Max   | 1.4           |
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | 30.59         |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ(LOQ: 1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE** : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per NAAQS 2009.  
Sampling Procedure: SOP/ITC/EW/056

**REMARKS** :N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
15-02-2022  
Reviewer

  
15-02-2022  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
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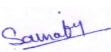
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## Test Report

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                   |                       |
|-----------------------------------|-----------------------|
| <b>Test Report as per :</b>       | : NAAQS 2009          |
| <b>General Information :</b>      |                       |
| Location of Sampling Point        | : Near Shakti Vihar   |
| Date of Monitoring                | : 03-02-2022          |
| Time of Monitoring                | : 11:30 hrs           |
| Purpose of Monitoring             | : For Self Monitoring |
| Duration of Monitoring,minutes    | : 1440                |
| Avg. Flow Rate of Sampling,m3/min | : 1.33                |
| Volume of air sampled,m3          | : 1949.86             |
| Avg. Ambient Temperature,°C       | : 12                  |

| Description |                                   |                                |               |        |
|-------------|-----------------------------------|--------------------------------|---------------|--------|
| Description |                                   | Ambient Air Quality Monitoring |               |        |
|             |                                   |                                |               |        |
| S.No.       | Parameters                        | Method                         | Specification | Result |
|             | Discipline : Chemical             |                                |               |        |
|             | Group : Atmospheric Pollution     |                                |               |        |
| 1.          | Ambient Air Quality Parameters    |                                |               |        |
| a.          | Sulphur Dioxide(SO2),µg/m3        | IS:5182(P-2)                   | 80 Max        | 6.45   |
| b.          | Nitrogen Dioxide(NO2),µg/m3       | IS:5182(P-6)                   | 80 Max        | 12.42  |
| c.          | Particulate Matter (PM10),µg/m3   | IS:5182(P-23)                  | 100 Max       | 86.11  |
| d.          | Particulate matter (PM 2.5),µg/m3 | STP/ITC/EW-01                  | 60 Max        | 46.30  |

  
Saurabh Sharma  
15-02-2022  
Reviewer

  
15-02-2022  
PremKumar  
[Authorized Signatory]

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2202080384<br><b>Sample Reg. Date</b> :08-02-2022<br><b>Report Date</b> :15-02-2022<br><b>Report No.</b> :ICE-2202150879<br><b>NABL ULR No.</b> :TC592622000002559F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
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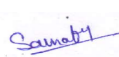
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| e. | Ozone(O <sub>3</sub> ),µg/m <sup>3</sup>                   | IS:5182(P-9)                                      | 180 Max | 17.21         |
| f. | Lead(As Pb),µg/m <sup>3</sup>                              | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max | BLQ(LOQ:0.1)  |
| g. | Carbon Monoxide(CO),mg/m <sup>3</sup>                      | IS:5182(P-10)                                     | 4 Max   | BLQ(LOQ: 1.0) |
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | 18.64         |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ(LOQ: 1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE** : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per NAAQS 2009.  
Sampling Procedure: SOP/ITC/EW/056

**REMARKS** :N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
15-02-2022  
Reviewer

  
15-02-2022  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
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|                                                                                                             |                                                                                                                                                                                                                                                                                            |
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|-------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                 |                       |
|-------------------------------------------------|-----------------------|
| <b>Test Report as per :</b>                     | : NAAQS 2009          |
| <b>General Information :</b>                    |                       |
| Location of Sampling Point                      | : Near Gate No.3      |
| Date of Monitoring                              | : 07-02-2022          |
| Time of Monitoring                              | : 10:45 hrs           |
| Purpose of Monitoring                           | : For Self Monitoring |
| Duration of Monitoring, minutes                 | : 1440                |
| Avg. Flow Rate of Sampling, m <sup>3</sup> /min | : 1.32                |
| Volume of air sampled, m <sup>3</sup>           | : 1921.71             |
| Avg. Ambient Temperature, °C                    | : 14                  |

| <b>Description</b> |                                                            |                                |               |        |
|--------------------|------------------------------------------------------------|--------------------------------|---------------|--------|
| Description        |                                                            | Ambient Air Quality Monitoring |               |        |
| S.No.              | Parameters                                                 | Method                         | Specification | Result |
|                    | <b>Discipline : Chemical</b>                               |                                |               |        |
|                    | <b>Group : Atmospheric Pollution</b>                       |                                |               |        |
| 1.                 | <b>Ambient Air Quality Parameters</b>                      |                                |               |        |
| a.                 | Sulphur Dioxide(SO <sub>2</sub> ), µg/m <sup>3</sup>       | IS:5182(P-2)                   | 80 Max        | 12.41  |
| b.                 | Nitrogen Dioxide(NO <sub>2</sub> ), µg/m <sup>3</sup>      | IS:5182(P-6)                   | 80 Max        | 24.13  |
| c.                 | Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>  | IS:5182(P-23)                  | 100 Max       | 112.30 |
| d.                 | Particulate matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup> | STP/ITC/EW-01                  | 60 Max        | 50.08  |

*V. Saini*  
Vikrant  
04-03-2022  
Reviewer

*PremKumar*  
05-03-2022  
PremKumar  
[Authorized Signatory]

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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2202220946<br><b>Sample Reg. Date</b> :22-02-2022<br><b>Report Date</b> :04-03-2022<br><b>Report No.</b> :ICE-2203040150<br><b>NABL ULR No.</b> :TC592622000003545F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

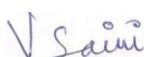
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| e. | Ozone(O <sub>3</sub> ),µg/m <sup>3</sup>                   | IS:5182(P-9)                                      | 180 Max | 16.33         |
| f. | Lead(As Pb),µg/m <sup>3</sup>                              | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max | BLQ(LOQ:0.1)  |
| g. | Carbon Monoxide(CO),mg/m <sup>3</sup>                      | IS:5182(P-10)                                     | 4 Max   | 1.2           |
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | 25.11         |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ(LOQ: 1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE** : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per NAAQS 2009, Sampling Procedure - SOP/ITC/EW/056. Purpose of Monitoring: For self Monitoring

**REMARKS** :N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Vikrant  
04-03-2022  
Reviewer

  
05-03-2022  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
Panchkula-134109 (Haryana)  
Phone : (O) 0172-2561543, 2565825  
Email : customersupport@itclabs.com  
Visit us :www.itclabs.com

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## Test Report

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|                                                                                                             |                                                                                                                                                                                                                                                                                            |
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> : E01-2202220945<br><b>Sample Reg. Date</b> : 22-02-2022<br><b>Report Date</b> : 04-03-2022<br><b>Report No.</b> : ICE-2203040148<br><b>NABL ULR No.</b> : TC592622000003541F<br><b>Customer Ref. No.</b> : Order No.5030010814<br><b>Letter Dated</b> : 29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                 |                       |
|-------------------------------------------------|-----------------------|
| <b>Test Report as per :</b>                     | : NAAQS 2009          |
| <b>General Information :</b>                    |                       |
| Location of Sampling Point                      | : Near Block C-3      |
| Date of Monitoring                              | : 07-02-2022          |
| Time of Monitoring                              | : 11:00 Hrs           |
| Purpose of Monitoring                           | : For Self Monitoring |
| Duration of Monitoring, minutes                 | : 1440                |
| Avg. Flow Rate of Sampling, m <sup>3</sup> /min | : 1.32                |
| Volume of air sampled, m <sup>3</sup>           | : 1921.71             |
| Avg. Ambient Temperature, °C                    | : 14                  |

| <b>Description</b> |                                                            |                                |               |        |
|--------------------|------------------------------------------------------------|--------------------------------|---------------|--------|
| Description        |                                                            | Ambient Air Quality Monitoring |               |        |
| S.No.              | Parameters                                                 | Method                         | Specification | Result |
|                    | <b>Discipline : Chemical</b>                               |                                |               |        |
|                    | <b>Group : Atmospheric Pollution</b>                       |                                |               |        |
| 1.                 | <b>Ambient Air Quality Parameters</b>                      |                                |               |        |
| a.                 | Sulphur Dioxide(SO <sub>2</sub> ), µg/m <sup>3</sup>       | IS:5182(P-2)                   | 80 Max        | 8.27   |
| b.                 | Nitrogen Dioxide(NO <sub>2</sub> ), µg/m <sup>3</sup>      | IS:5182(P-6)                   | 80 Max        | 16.09  |
| c.                 | Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>  | IS:5182(P-23)                  | 100 Max       | 117.13 |
| d.                 | Particulate matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup> | STP/ITC/EW-01                  | 60 Max        | 50.08  |

*V. Saini*  
Vikrant  
04-03-2022  
Reviewer

*PremKumar*  
05-03-2022  
PremKumar  
[Authorized Signatory]

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## Test Report

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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2202220945<br><b>Sample Reg. Date</b> :22-02-2022<br><b>Report Date</b> :04-03-2022<br><b>Report No.</b> :ICE-2203040148<br><b>NABL ULR No.</b> :TC592622000003541F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

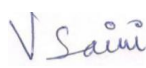
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| e. | Ozone(O <sub>3</sub> ),µg/m <sup>3</sup>                   | IS:5182(P-9)                                      | 180 Max | 18.11         |
| f. | Lead(As Pb),µg/m <sup>3</sup>                              | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max | BLQ(LOQ:0.1)  |
| g. | Carbon Monoxide(CO),mg/m <sup>3</sup>                      | IS:5182(P-10)                                     | 4 Max   | 1.3           |
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | 22.30         |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ(LOQ: 1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE** : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per NAAQS 2009, Sampling Procedure - SOP/ITC/EW/056. Purpose of Monitoring: For self Monitoring

**REMARKS** :N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Vikrant  
04-03-2022  
Reviewer

  
05-03-2022  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
Panchkula-134109 (Haryana)  
Phone : (O) 0172-2561543, 2565825  
Email : customersupport@itclabs.com  
Visit us :www.itclabs.com

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## Test Report

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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2202220947<br><b>Sample Reg. Date</b> :22-02-2022<br><b>Report Date</b> :04-03-2022<br><b>Report No.</b> :ICE-2203040151<br><b>NABL ULR No.</b> :TC592622000003549F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                   |                       |
|-----------------------------------|-----------------------|
| <b>Test Report as per :</b>       | : NAAQS 2009          |
| <b>General Information :</b>      |                       |
| Location of Sampling Point        | : Village-Khanpur     |
| Date of Monitoring                | : 07-02-2022          |
| Time of Monitoring                | : 10:30 hrs           |
| Purpose of Monitoring             | : For Self Monitoring |
| Duration of Monitoring,minutes    | : 1440                |
| Avg. Flow Rate of Sampling,m3/min | : 1.33                |
| Volume of air sampled,m3          | : 1943.04             |
| Avg. Ambient Temperature,°C       | : 13                  |

| <b>Description</b> |                                                           |                                |               |        |
|--------------------|-----------------------------------------------------------|--------------------------------|---------------|--------|
| Description        |                                                           | Ambient Air Quality Monitoring |               |        |
| S.No.              | Parameters                                                | Method                         | Specification | Result |
|                    | <b>Discipline : Chemical</b>                              |                                |               |        |
|                    | <b>Group : Atmospheric Pollution</b>                      |                                |               |        |
| 1.                 | <b>Ambient Air Quality Parameters</b>                     |                                |               |        |
| a.                 | Sulphur Dioxide(SO <sub>2</sub> ),µg/m <sup>3</sup>       | IS:5182(P-2)                   | 80 Max        | 8.24   |
| b.                 | Nitrogen Dioxide(NO <sub>2</sub> ),µg/m <sup>3</sup>      | IS:5182(P-6)                   | 80 Max        | 19.15  |
| c.                 | Particulate Matter (PM <sub>10</sub> ),µg/m <sup>3</sup>  | IS:5182(P-23)                  | 100 Max       | 103.19 |
| d.                 | Particulate matter (PM <sub>2.5</sub> ),µg/m <sup>3</sup> | STP/ITC/EW-01                  | 60 Max        | 50.08  |

*V Saini*  
Vikrant  
04-03-2022  
Reviewer

*PremKumar*  
05-03-2022  
PremKumar  
[Authorized Signatory]

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## Test Report

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2202220947<br><b>Sample Reg. Date</b> :22-02-2022<br><b>Report Date</b> :04-03-2022<br><b>Report No.</b> :ICE-2203040151<br><b>NABL ULR No.</b> :TC592622000003549F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| e. | Ozone(O <sub>3</sub> ),µg/m <sup>3</sup>                   | IS:5182(P-9)                                      | 180 Max | 17.22         |
| f. | Lead(As Pb),µg/m <sup>3</sup>                              | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max | BLQ(LOQ:0.1)  |
| g. | Carbon Monoxide(CO),mg/m <sup>3</sup>                      | IS:5182(P-10)                                     | 4 Max   | 1.3           |
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | 28.21         |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ(LOQ: 1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE** : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per NAAQS 2009, Sampling Procedure - SOP/ITC/EW/056. Purpose of Monitoring: For self Monitoring

**REMARKS** :N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

V Saini

Vikrant  
04-03-2022  
Reviewer

PremKumar

05-03-2022  
PremKumar  
[Authorized Signatory]

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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2202220948<br><b>Sample Reg. Date</b> :22-02-2022<br><b>Report Date</b> :04-03-2022<br><b>Report No.</b> :ICE-2203040152<br><b>NABL ULR No.</b> :TC592622000003554F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                   |                       |
|-----------------------------------|-----------------------|
| <b>Test Report as per :</b>       | : NAAQS 2009          |
| <b>General Information :</b>      |                       |
| Location of Sampling Point        | : Near Shakti Vihar   |
| Date of Monitoring                | : 07-02-2022          |
| Time of Monitoring                | : 11:20 hrs           |
| Purpose of Monitoring             | : For Self Monitoring |
| Duration of Monitoring,minutes    | : 1440                |
| Avg. Flow Rate of Sampling,m3/min | : 1.33                |
| Volume of air sampled,m3          | : 1943.04             |
| Avg. Ambient Temperature,°C       | : 13                  |

| <b>Description</b> |                                                           |                                |               |        |
|--------------------|-----------------------------------------------------------|--------------------------------|---------------|--------|
| Description        |                                                           | Ambient Air Quality Monitoring |               |        |
| S.No.              | Parameters                                                | Method                         | Specification | Result |
|                    | <b>Discipline : Chemical</b>                              |                                |               |        |
|                    | <b>Group : Atmospheric Pollution</b>                      |                                |               |        |
| 1.                 | <b>Ambient Air Quality Parameters</b>                     |                                |               |        |
| a.                 | Sulphur Dioxide(SO <sub>2</sub> ),µg/m <sup>3</sup>       | IS:5182(P-2)                   | 80 Max        | 10.01  |
| b.                 | Nitrogen Dioxide(NO <sub>2</sub> ),µg/m <sup>3</sup>      | IS:5182(P-6)                   | 80 Max        | 12.47  |
| c.                 | Particulate Matter (PM <sub>10</sub> ),µg/m <sup>3</sup>  | IS:5182(P-23)                  | 100 Max       | 88.26  |
| d.                 | Particulate matter (PM <sub>2.5</sub> ),µg/m <sup>3</sup> | STP/ITC/EW-01                  | 60 Max        | 34.93  |

*V Saini*  
Vikrant  
04-03-2022  
Reviewer

*PremKumar*  
05-03-2022  
PremKumar  
[Authorized Signatory]

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|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| e. | Ozone(O <sub>3</sub> ),µg/m <sup>3</sup>                   | IS:5182(P-9)                                      | 180 Max | BLQ(LOQ: 14)  |
| f. | Lead(As Pb),µg/m <sup>3</sup>                              | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max | BLQ(LOQ:0.1)  |
| g. | Carbon Monoxide(CO),mg/m <sup>3</sup>                      | IS:5182(P-10)                                     | 4 Max   | 1.4           |
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | BLQ(LOQ: 20)  |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ(LOQ: 1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

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**NOTE** : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per NAAQS 2009, Sampling Procedure - SOP/ITC/EW/056. Purpose of Monitoring: For self Monitoring

**REMARKS** :N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

V Saini

Vikrant  
04-03-2022  
Reviewer

PremKumar

05-03-2022  
PremKumar  
[Authorized Signatory]

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|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                   |                       |
|-----------------------------------|-----------------------|
| <b>Test Report as per :</b>       | : NAAQS 2009          |
| <b>General Information :</b>      |                       |
| Location of Sampling Point        | : Near Gate No.3      |
| Date of Monitoring                | : 10-02-2022          |
| Time of Monitoring                | : 10:40 hrs           |
| Purpose of Monitoring             | : For Self Monitoring |
| Duration of Monitoring,minutes    | : 1440                |
| Avg. Flow Rate of Sampling,m3/min | : 1.34                |
| Volume of air sampled,m3          | : 1950.83             |
| Avg. Ambient Temperature,°C       | : 14                  |

| <b>Description</b> |                                                           |                                |               |        |
|--------------------|-----------------------------------------------------------|--------------------------------|---------------|--------|
| Description        |                                                           | Ambient Air Quality Monitoring |               |        |
| S.No.              | Parameters                                                | Method                         | Specification | Result |
|                    | <b>Discipline : Chemical</b>                              |                                |               |        |
|                    | <b>Group : Atmospheric Pollution</b>                      |                                |               |        |
| 1.                 | <b>Ambient Air Quality Parameters</b>                     |                                |               |        |
| a.                 | Sulphur Dioxide(SO <sub>2</sub> ),µg/m <sup>3</sup>       | IS:5182(P-2)                   | 80 Max        | 6.50   |
| b.                 | Nitrogen Dioxide(NO <sub>2</sub> ),µg/m <sup>3</sup>      | IS:5182(P-6)                   | 80 Max        | 16.98  |
| c.                 | Particulate Matter (PM <sub>10</sub> ),µg/m <sup>3</sup>  | IS:5182(P-23)                  | 100 Max       | 108.98 |
| d.                 | Particulate matter (PM <sub>2.5</sub> ),µg/m <sup>3</sup> | STP/ITC/EW-01                  | 60 Max        | 55.98  |

*V Saini*  
Vikrant  
04-03-2022  
Reviewer

*PremKumar*  
05-03-2022  
PremKumar  
[Authorized Signatory]

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2202220950<br><b>Sample Reg. Date</b> :22-02-2022<br><b>Report Date</b> :04-03-2022<br><b>Report No.</b> :ICE-2203040155<br><b>NABL ULR No.</b> :TC592622000003551F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

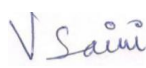
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| e. | Ozone(O <sub>3</sub> ),µg/m <sup>3</sup>                   | IS:5182(P-9)                                      | 180 Max | 17.19         |
| f. | Lead(As Pb),µg/m <sup>3</sup>                              | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max | BLQ(LOQ:0.1)  |
| g. | Carbon Monoxide(CO),mg/m <sup>3</sup>                      | IS:5182(P-10)                                     | 4 Max   | 1.3           |
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | 23.14         |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ(LOQ: 1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE** : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per NAAQS 2009, Sampling Procedure - SOP/ITC/EW/056. Purpose of Monitoring: For self Monitoring

**REMARKS** :N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Vikrant  
04-03-2022  
Reviewer

  
05-03-2022  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
Panchkula-134109 (Haryana)  
Phone : (O) 0172-2561543, 2565825  
Email : customersupport@itclabs.com  
Visit us :www.itclabs.com

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## Test Report

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2202220949<br><b>Sample Reg. Date</b> :22-02-2022<br><b>Report Date</b> :04-03-2022<br><b>Report No.</b> :ICE-2203040153<br><b>NABL ULR No.</b> :TC592622000003555F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                   |                       |
|-----------------------------------|-----------------------|
| <b>Test Report as per :</b>       | : NAAQS 2009          |
| <b>General Information :</b>      |                       |
| Location of Sampling Point        | : Near Block C-3      |
| Date of Monitoring                | : 10-02-2022          |
| Time of Monitoring                | : 10:50 hrs           |
| Purpose of Monitoring             | : For self Monitoring |
| Duration of Monitoring,minutes    | : 1440                |
| Avg. Flow Rate of Sampling,m3/min | : 1.34                |
| Volume of air sampled,m3          | : 1950.83             |
| Avg. Ambient Temperature,°C       | : 14                  |

| <b>Description</b> |                                                           |                                |               |        |
|--------------------|-----------------------------------------------------------|--------------------------------|---------------|--------|
| Description        |                                                           | Ambient Air Quality Monitoring |               |        |
| S.No.              | Parameters                                                | Method                         | Specification | Result |
|                    | <b>Discipline : Chemical</b>                              |                                |               |        |
|                    | <b>Group : Atmospheric Pollution</b>                      |                                |               |        |
| 1.                 | <b>Ambient Air Quality Parameters</b>                     |                                |               |        |
| a.                 | Sulphur Dioxide(SO <sub>2</sub> ),µg/m <sup>3</sup>       | IS:5182(P-2)                   | 80 Max        | 8.27   |
| b.                 | Nitrogen Dioxide(NO <sub>2</sub> ),µg/m <sup>3</sup>      | IS:5182(P-6)                   | 80 Max        | 18.32  |
| c.                 | Particulate Matter (PM <sub>10</sub> ),µg/m <sup>3</sup>  | IS:5182(P-23)                  | 100 Max       | 98.27  |
| d.                 | Particulate matter (PM <sub>2.5</sub> ),µg/m <sup>3</sup> | STP/ITC/EW-01                  | 60 Max        | 45.45  |

*V Saini*  
Vikrant  
04-03-2022  
Reviewer

*PremKumar*  
05-03-2022  
PremKumar  
[Authorized Signatory]

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## Test Report

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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2202220949<br><b>Sample Reg. Date</b> :22-02-2022<br><b>Report Date</b> :04-03-2022<br><b>Report No.</b> :ICE-2203040153<br><b>NABL ULR No.</b> :TC592622000003555F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| e. | Ozone(O <sub>3</sub> ),µg/m <sup>3</sup>                   | IS:5182(P-9)                                      | 180 Max | BLQ(LOQ: 14)  |
| f. | Lead(As Pb),µg/m <sup>3</sup>                              | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max | BLQ(LOQ:0.1)  |
| g. | Carbon Monoxide(CO),mg/m <sup>3</sup>                      | IS:5182(P-10)                                     | 4 Max   | 1.3           |
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | BLQ(LOQ: 20)  |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ(LOQ: 1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE** : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per NAAQS 2009, Sampling Procedure - SOP/ITC/EW/056. Purpose of Monitoring: For self Monitoring

**REMARKS** :N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

V Saini

Vikrant  
04-03-2022  
Reviewer

PremKumar

05-03-2022  
PremKumar  
[Authorized Signatory]

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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2202220951<br><b>Sample Reg. Date</b> :22-02-2022<br><b>Report Date</b> :04-03-2022<br><b>Report No.</b> :ICE-2203040156<br><b>NABL ULR No.</b> :TC592622000003547F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                   |                       |
|-----------------------------------|-----------------------|
| <b>Test Report as per :</b>       | : NAAQS 2009          |
| <b>General Information :</b>      |                       |
| Location of Sampling Point        | : Village-Khanpur     |
| Date of Monitoring                | : 10-02-2022          |
| Time of Monitoring                | : 10:30 hrs           |
| Purpose of Monitoring             | : For Self Monitoring |
| Duration of Monitoring,minutes    | : 1440                |
| Avg. Flow Rate of Sampling,m3/min | : 1.34                |
| Volume of air sampled,m3          | : 1950.83             |
| Avg. Ambient Temperature,°C       | : 14                  |

| <b>Description</b> |                                                           |                                |               |        |
|--------------------|-----------------------------------------------------------|--------------------------------|---------------|--------|
| Description        |                                                           | Ambient Air Quality Monitoring |               |        |
| S.No.              | Parameters                                                | Method                         | Specification | Result |
|                    | <b>Discipline : Chemical</b>                              |                                |               |        |
|                    | <b>Group : Atmospheric Pollution</b>                      |                                |               |        |
| 1.                 | <b>Ambient Air Quality Parameters</b>                     |                                |               |        |
| a.                 | Sulphur Dioxide(SO <sub>2</sub> ),µg/m <sup>3</sup>       | IS:5182(P-2)                   | 80 Max        | 10.05  |
| b.                 | Nitrogen Dioxide(NO <sub>2</sub> ),µg/m <sup>3</sup>      | IS:5182(P-6)                   | 80 Max        | 30.38  |
| c.                 | Particulate Matter (PM <sub>10</sub> ),µg/m <sup>3</sup>  | IS:5182(P-23)                  | 100 Max       | 127.13 |
| d.                 | Particulate matter (PM <sub>2.5</sub> ),µg/m <sup>3</sup> | STP/ITC/EW-01                  | 60 Max        | 54.29  |

*V Saini*  
Vikrant  
04-03-2022  
Reviewer

*PremKumar*  
05-03-2022  
PremKumar  
[Authorized Signatory]

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|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

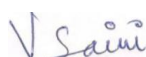
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| e. | Ozone(O <sub>3</sub> ),µg/m <sup>3</sup>                   | IS:5182(P-9)                                      | 180 Max | 19.11         |
| f. | Lead(As Pb),µg/m <sup>3</sup>                              | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max | BLQ(LOQ:0.1)  |
| g. | Carbon Monoxide(CO),mg/m <sup>3</sup>                      | IS:5182(P-10)                                     | 4 Max   | 1.2           |
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | 30.20         |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ(LOQ: 1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE** : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per NAAQS 2009, Sampling Procedure - SOP/ITC/EW/056. Purpose of Monitoring: For self Monitoring

**REMARKS** :N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Vikrant  
04-03-2022  
Reviewer

  
05-03-2022  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
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Email : customersupport@itclabs.com  
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2202220952<br><b>Sample Reg. Date</b> :22-02-2022<br><b>Report Date</b> :04-03-2022<br><b>Report No.</b> :ICE-2203040157<br><b>NABL ULR No.</b> :TC592622000003556F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
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|                                   |                       |
|-----------------------------------|-----------------------|
| <b>Test Report as per :</b>       | : NAAQS 2009          |
| <b>General Information :</b>      |                       |
| Location of Sampling Point        | : Near Shakti Vihar   |
| Date of Monitoring                | : 10-02-2022          |
| Time of Monitoring                | : 11:10 hrs           |
| Purpose of Monitoring             | : For Self Monitoring |
| Duration of Monitoring,minutes    | : 1440                |
| Avg. Flow Rate of Sampling,m3/min | : 1.34                |
| Volume of air sampled,m3          | : 1950.83             |
| Avg. Ambient Temperature,°C       | : 14                  |

| <b>Description</b> |                                                           |                                |               |        |
|--------------------|-----------------------------------------------------------|--------------------------------|---------------|--------|
| Description        |                                                           | Ambient Air Quality Monitoring |               |        |
| S.No.              | Parameters                                                | Method                         | Specification | Result |
|                    | <b>Discipline : Chemical</b>                              |                                |               |        |
|                    | <b>Group : Atmospheric Pollution</b>                      |                                |               |        |
| 1.                 | <b>Ambient Air Quality Parameters</b>                     |                                |               |        |
| a.                 | Sulphur Dioxide(SO <sub>2</sub> ),µg/m <sup>3</sup>       | IS:5182(P-2)                   | 80 Max        | 5.91   |
| b.                 | Nitrogen Dioxide(NO <sub>2</sub> ),µg/m <sup>3</sup>      | IS:5182(P-6)                   | 80 Max        | 10.28  |
| c.                 | Particulate Matter (PM <sub>10</sub> ),µg/m <sup>3</sup>  | IS:5182(P-23)                  | 100 Max       | 89.14  |
| d.                 | Particulate matter (PM <sub>2.5</sub> ),µg/m <sup>3</sup> | STP/ITC/EW-01                  | 60 Max        | 40.40  |

*V Saini*  
Vikrant  
04-03-2022  
Reviewer

*PremKumar*  
05-03-2022  
PremKumar  
[Authorized Signatory]

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|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| e. | Ozone(O <sub>3</sub> ),µg/m <sup>3</sup>                   | IS:5182(P-9)                                      | 180 Max | 17.19         |
| f. | Lead(As Pb),µg/m <sup>3</sup>                              | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max | BLQ(LOQ:0.1)  |
| g. | Carbon Monoxide(CO),mg/m <sup>3</sup>                      | IS:5182(P-10)                                     | 4 Max   | 1.3           |
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | 23.27         |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ(LOQ: 1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE** : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per NAAQS 2009, Sampling Procedure - SOP/ITC/EW/056. Purpose of Monitoring: For self Monitoring

**REMARKS** :N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

V Saini

Vikrant  
04-03-2022  
Reviewer

PremKumar

05-03-2022  
PremKumar  
[Authorized Signatory]

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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2202220954<br><b>Sample Reg. Date</b> :22-02-2022<br><b>Report Date</b> :04-03-2022<br><b>Report No.</b> :ICE-2203040159<br><b>NABL ULR No.</b> :TC592622000003558F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                   |                       |
|-----------------------------------|-----------------------|
| <b>Test Report as per :</b>       | : NAAQS 2009          |
| <b>General Information :</b>      |                       |
| Location of Sampling Point        | : Near Gate No.3      |
| Date of Monitoring                | : 14-02-2022          |
| Time of Monitoring                | : 10:40 hrs           |
| Purpose of Monitoring             | : For Self Monitoring |
| Duration of Monitoring,minutes    | : 1440                |
| Avg. Flow Rate of Sampling,m3/min | : 1.33                |
| Volume of air sampled,m3          | : 1929.55             |
| Avg. Ambient Temperature,°C       | : 15                  |

| <b>Description</b> |                                                           |                                |               |        |
|--------------------|-----------------------------------------------------------|--------------------------------|---------------|--------|
| Description        |                                                           | Ambient Air Quality Monitoring |               |        |
| S.No.              | Parameters                                                | Method                         | Specification | Result |
|                    | <b>Discipline : Chemical</b>                              |                                |               |        |
|                    | <b>Group : Atmospheric Pollution</b>                      |                                |               |        |
| 1.                 | <b>Ambient Air Quality Parameters</b>                     |                                |               |        |
| a.                 | Sulphur Dioxide(SO <sub>2</sub> ),µg/m <sup>3</sup>       | IS:5182(P-2)                   | 80 Max        | 13.04  |
| b.                 | Nitrogen Dioxide(NO <sub>2</sub> ),µg/m <sup>3</sup>      | IS:5182(P-6)                   | 80 Max        | 28.25  |
| c.                 | Particulate Matter (PM <sub>10</sub> ),µg/m <sup>3</sup>  | IS:5182(P-23)                  | 100 Max       | 130.24 |
| d.                 | Particulate matter (PM <sub>2.5</sub> ),µg/m <sup>3</sup> | STP/ITC/EW-01                  | 60 Max        | 53.03  |

*V Saini*  
Vikrant  
04-03-2022  
Reviewer

*PremKumar*  
05-03-2022  
PremKumar  
[Authorized Signatory]

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2202220954<br><b>Sample Reg. Date</b> :22-02-2022<br><b>Report Date</b> :04-03-2022<br><b>Report No.</b> :ICE-2203040159<br><b>NABL ULR No.</b> :TC592622000003558F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| e. | Ozone(O <sub>3</sub> ),µg/m <sup>3</sup>                   | IS:5182(P-9)                                      | 180 Max | 17.78         |
| f. | Lead(As Pb),µg/m <sup>3</sup>                              | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max | BLQ(LOQ:0.1)  |
| g. | Carbon Monoxide(CO),mg/m <sup>3</sup>                      | IS:5182(P-10)                                     | 4 Max   | 1.2           |
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | 24.81         |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ(LOQ: 1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE** : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per NAAQS 2009, Sampling Procedure - SOP/ITC/EW/056. Purpose of Monitoring: For self Monitoring

**REMARKS** :N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

V Saini

Vikrant  
04-03-2022  
Reviewer

PremKumar

05-03-2022  
PremKumar  
[Authorized Signatory]

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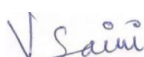
## Test Report

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2202220953<br><b>Sample Reg. Date</b> :22-02-2022<br><b>Report Date</b> :04-03-2022<br><b>Report No.</b> :ICE-2203040158<br><b>NABL ULR No.</b> :TC592622000003550F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                   |                       |
|-----------------------------------|-----------------------|
| <b>Test Report as per :</b>       | : NAAQS 2009          |
| <b>General Information :</b>      |                       |
| Location of Sampling Point        | : Near Block C-3      |
| Date of Monitoring                | : 14-02-2022          |
| Time of Monitoring                | : 10:50 Hrs           |
| Purpose of Monitoring             | : For Self Monitoring |
| Duration of Monitoring,minutes    | : 1440                |
| Avg. Flow Rate of Sampling,m3/min | : 1.33                |
| Volume of air sampled,m3          | : 1929.55             |
| Avg. Ambient Temperature,°C       | : 15                  |

| <b>Description</b> |                                                           |                                |               |        |
|--------------------|-----------------------------------------------------------|--------------------------------|---------------|--------|
| Description        |                                                           | Ambient Air Quality Monitoring |               |        |
| S.No.              | Parameters                                                | Method                         | Specification | Result |
|                    | <b>Discipline : Chemical</b>                              |                                |               |        |
|                    | <b>Group : Atmospheric Pollution</b>                      |                                |               |        |
| 1.                 | <b>Ambient Air Quality Parameters</b>                     |                                |               |        |
| a.                 | Sulphur Dioxide(SO <sub>2</sub> ),µg/m <sup>3</sup>       | IS:5182(P-2)                   | 80 Max        | 10.08  |
| b.                 | Nitrogen Dioxide(NO <sub>2</sub> ),µg/m <sup>3</sup>      | IS:5182(P-6)                   | 80 Max        | 18.83  |
| c.                 | Particulate Matter (PM <sub>10</sub> ),µg/m <sup>3</sup>  | IS:5182(P-23)                  | 100 Max       | 112.20 |
| d.                 | Particulate matter (PM <sub>2.5</sub> ),µg/m <sup>3</sup> | STP/ITC/EW-01                  | 60 Max        | 51.35  |

  
Vikrant  
04-03-2022  
Reviewer

  
05-03-2022  
PremKumar  
[Authorized Signatory]

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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2202220953<br><b>Sample Reg. Date</b> :22-02-2022<br><b>Report Date</b> :04-03-2022<br><b>Report No.</b> :ICE-2203040158<br><b>NABL ULR No.</b> :TC592622000003550F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

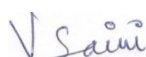
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| e. | Ozone(O <sub>3</sub> ),µg/m <sup>3</sup>                   | IS:5182(P-9)                                      | 180 Max | 16.00         |
| f. | Lead(As Pb),µg/m <sup>3</sup>                              | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max | BLQ(LOQ:0.1)  |
| g. | Carbon Monoxide(CO),mg/m <sup>3</sup>                      | IS:5182(P-10)                                     | 4 Max   | 1.4           |
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | 22.16         |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ(LOQ: 1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE** : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per NAAQS 2009, Sampling Procedure - SOP/ITC/EW/056. Purpose of Monitoring: For self Monitoring

**REMARKS** :N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Vikrant  
04-03-2022  
Reviewer

  
05-03-2022  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
Panchkula-134109 (Haryana)  
Phone : (O) 0172-2561543, 2565825  
Email : customersupport@itclabs.com  
Visit us : www.itclabs.com

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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2202220955<br><b>Sample Reg. Date</b> :22-02-2022<br><b>Report Date</b> :04-03-2022<br><b>Report No.</b> :ICE-2203040160<br><b>NABL ULR No.</b> :TC592622000003548F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                   |                       |
|-----------------------------------|-----------------------|
| <b>Test Report as per :</b>       | : NAAQS 2009          |
| <b>General Information :</b>      |                       |
| Location of Sampling Point        | : Village- Khanpur    |
| Date of Monitoring                | : 14-02-2022          |
| Time of Monitoring                | : 10:30 hrs           |
| Purpose of Monitoring             | : For Self Monitoring |
| Duration of Monitoring,minutes    | : 1440                |
| Avg. Flow Rate of Sampling,m3/min | : 1.34                |
| Volume of air sampled,m3          | : 1944.06             |
| Avg. Ambient Temperature,°C       | : 15                  |

| <b>Description</b> |                                                           |                                |               |        |
|--------------------|-----------------------------------------------------------|--------------------------------|---------------|--------|
| Description        |                                                           | Ambient Air Quality Monitoring |               |        |
| S.No.              | Parameters                                                | Method                         | Specification | Result |
|                    | <b>Discipline : Chemical</b>                              |                                |               |        |
|                    | <b>Group : Atmospheric Pollution</b>                      |                                |               |        |
| 1.                 | <b>Ambient Air Quality Parameters</b>                     |                                |               |        |
| a.                 | Sulphur Dioxide(SO <sub>2</sub> ),µg/m <sup>3</sup>       | IS:5182(P-2)                   | 80 Max        | 8.30   |
| b.                 | Nitrogen Dioxide(NO <sub>2</sub> ),µg/m <sup>3</sup>      | IS:5182(P-6)                   | 80 Max        | 14.35  |
| c.                 | Particulate Matter (PM <sub>10</sub> ),µg/m <sup>3</sup>  | IS:5182(P-23)                  | 100 Max       | 119.24 |
| d.                 | Particulate matter (PM <sub>2.5</sub> ),µg/m <sup>3</sup> | STP/ITC/EW-01                  | 60 Max        | 50.51  |

*V Saini*  
Vikrant  
04-03-2022  
Reviewer

*PremKumar*  
05-03-2022  
PremKumar  
[Authorized Signatory]

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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2202220955<br><b>Sample Reg. Date</b> :22-02-2022<br><b>Report Date</b> :04-03-2022<br><b>Report No.</b> :ICE-2203040160<br><b>NABL ULR No.</b> :TC592622000003548F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

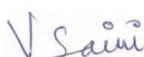
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| e. | Ozone(O <sub>3</sub> ),µg/m <sup>3</sup>                   | IS:5182(P-9)                                      | 180 Max | 16.23         |
| f. | Lead(As Pb),µg/m <sup>3</sup>                              | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max | BLQ(LOQ:0.1)  |
| g. | Carbon Monoxide(CO),mg/m <sup>3</sup>                      | IS:5182(P-10)                                     | 4 Max   | 1.4           |
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | 21.57         |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ(LOQ: 1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE** : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per NAAQS 2009, Sampling Procedure - SOP/ITC/EW/056. Purpose of Monitoring: For self Monitoring

**REMARKS** :N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Vikrant  
04-03-2022  
Reviewer

  
05-03-2022  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
Panchkula-134109 (Haryana)  
Phone : (O) 0172-2561543, 2565825  
Email : customersupport@itclabs.com  
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|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                   |                       |
|-----------------------------------|-----------------------|
| <b>Test Report as per :</b>       | : NAAQS 2009          |
| <b>General Information :</b>      |                       |
| Location of Sampling Point        | : Near Shakti Vihar   |
| Date of Monitoring                | : 14-02-2022          |
| Time of Monitoring                | : 11:10 hrs           |
| Purpose of Monitoring             | : For Self Monitoring |
| Duration of Monitoring,minutes    | : 1440                |
| Avg. Flow Rate of Sampling,m3/min | : 1.33                |
| Volume of air sampled,m3          | : 1929.55             |
| Avg. Ambient Temperature,°C       | : 15                  |

| Description |                                               |                                |               |        |
|-------------|-----------------------------------------------|--------------------------------|---------------|--------|
| Description |                                               | Ambient Air Quality Monitoring |               |        |
|             |                                               |                                |               |        |
| S.No.       | Parameters                                    | Method                         | Specification | Result |
|             | Discipline : Chemical                         |                                |               |        |
|             | Group : Atmospheric Pollution                 |                                |               |        |
| 1.          | Ambient Air Quality Parameters                |                                |               |        |
| a.          | Sulphur Dioxide(SO2),µg/m3                    | IS:5182(P-2)                   | 80 Max        | 6.52   |
| b.          | Nitrogen Dioxide(NO2),µg/m3                   | IS:5182(P-6)                   | 80 Max        | 10.31  |
| c.          | Particulate Matter (PM <sub>10</sub> ),µg/m3  | IS:5182(P-23)                  | 100 Max       | 94.12  |
| d.          | Particulate matter (PM <sub>2.5</sub> ),µg/m3 | STP/ITC/EW-01                  | 60 Max        | 42.51  |

*V Saini*  
Vikrant  
04-03-2022  
Reviewer

*PremKumar*  
05-03-2022  
PremKumar  
[Authorized Signatory]

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|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

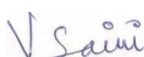
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| e. | Ozone(O <sub>3</sub> ),µg/m <sup>3</sup>                   | IS:5182(P-9)                                      | 180 Max | 16.20         |
| f. | Lead(As Pb),µg/m <sup>3</sup>                              | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max | BLQ(LOQ:0.1)  |
| g. | Carbon Monoxide(CO),mg/m <sup>3</sup>                      | IS:5182(P-10)                                     | 4 Max   | 1.2           |
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | 21.20         |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ(LOQ: 1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE** : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per NAAQS 2009, Sampling Procedure - SOP/ITC/EW/056. Purpose of Monitoring: For self Monitoring

**REMARKS** :N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Vikrant  
04-03-2022  
Reviewer

  
05-03-2022  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
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|                                                                                                             |                                                                                                                                                                                                                                                                                            |
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> : E01-2202220958<br><b>Sample Reg. Date</b> : 22-02-2022<br><b>Report Date</b> : 04-03-2022<br><b>Report No.</b> : ICE-2203040149<br><b>NABL ULR No.</b> : TC592622000003557F<br><b>Customer Ref. No.</b> : Order No.5030010814<br><b>Letter Dated</b> : 29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                 |                       |
|-------------------------------------------------|-----------------------|
| <b>Test Report as per :</b>                     | : NAAQS 2009          |
| <b>General Information :</b>                    |                       |
| Location of Sampling Point                      | : Near Gate No. 3     |
| Date of Monitoring                              | : 17-02-2022          |
| Time of Monitoring                              | : 10:55 hrs           |
| Purpose of Monitoring                           | : For Self Monitoring |
| Duration of Monitoring, minutes                 | : 1440                |
| Avg. Flow Rate of Sampling, m <sup>3</sup> /min | : 1.34                |
| Volume of air sampled, m <sup>3</sup>           | : 1944.05             |
| Avg. Ambient Temperature, °C                    | : 15                  |

| <b>Description</b> |                                                            |                                |               |        |
|--------------------|------------------------------------------------------------|--------------------------------|---------------|--------|
| Description        |                                                            | Ambient Air Quality Monitoring |               |        |
| S.No.              | Parameters                                                 | Method                         | Specification | Result |
|                    | <b>Discipline : Chemical</b>                               |                                |               |        |
|                    | <b>Group : Atmospheric Pollution</b>                       |                                |               |        |
| 1.                 | <b>Ambient Air Quality Parameters</b>                      |                                |               |        |
| a.                 | Sulphur Dioxide(SO <sub>2</sub> ), µg/m <sup>3</sup>       | IS:5182(P-2)                   | 80 Max        | 10.08  |
| b.                 | Nitrogen Dioxide(NO <sub>2</sub> ), µg/m <sup>3</sup>      | IS:5182(P-6)                   | 80 Max        | 19.28  |
| c.                 | Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>  | IS:5182(P-23)                  | 100 Max       | 113.22 |
| d.                 | Particulate matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup> | STP/ITC/EW-01                  | 60 Max        | 55.13  |

*V. Saini*  
Vikrant  
04-03-2022  
Reviewer

*PremKumar*  
05-03-2022  
PremKumar  
[Authorized Signatory]

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## Test Report

Document QF : 2501  
Page 2 of 2

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2202220958<br><b>Sample Reg. Date</b> :22-02-2022<br><b>Report Date</b> :04-03-2022<br><b>Report No.</b> :ICE-2203040149<br><b>NABL ULR No.</b> :TC592622000003557F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

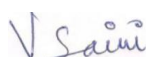
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| e. | Ozone(O <sub>3</sub> ),µg/m <sup>3</sup>                   | IS:5182(P-9)                                      | 180 Max | 18.26         |
| f. | Lead(As Pb),µg/m <sup>3</sup>                              | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max | BLQ(LOQ:0.1)  |
| g. | Carbon Monoxide(CO),mg/m <sup>3</sup>                      | IS:5182(P-10)                                     | 4 Max   | 1.4           |
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | 26.21         |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ(LOQ: 1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE** : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per NAAQS 2009, Sampling Procedure - SOP/ITC/EW/056. Purpose of Monitoring: For self Monitoring

**REMARKS** :N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Vikrant  
04-03-2022  
Reviewer

  
05-03-2022  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
Panchkula-134109 (Haryana)  
Phone : (O) 0172-2561543, 2565825  
Email : customersupport@itclabs.com  
Visit us :www.itclabs.com

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## Test Report

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|                                                                                                             |                                                                                                                                                                                                                                                                                            |
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> : E01-2202220957<br><b>Sample Reg. Date</b> : 22-02-2022<br><b>Report Date</b> : 04-03-2022<br><b>Report No.</b> : ICE-2203040162<br><b>NABL ULR No.</b> : TC592622000003542F<br><b>Customer Ref. No.</b> : Order No.5030010814<br><b>Letter Dated</b> : 29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                 |                       |
|-------------------------------------------------|-----------------------|
| <b>Test Report as per :</b>                     | : NAAQS 2009          |
| <b>General Information :</b>                    |                       |
| Location of Sampling Point                      | : Near Block C-3      |
| Date of Monitoring                              | : 17-02-2022          |
| Time of Monitoring                              | : 11:10 Hrs           |
| Purpose of Monitoring                           | : For Self Monitoring |
| Duration of Monitoring, minutes                 | : 1440                |
| Avg. Flow Rate of Sampling, m <sup>3</sup> /min | : 1.33                |
| Volume of air sampled, m <sup>3</sup>           | : 1929.55             |
| Avg. Ambient Temperature, °C                    | : 15                  |

| <b>Description</b> |                                                            |                                |               |        |
|--------------------|------------------------------------------------------------|--------------------------------|---------------|--------|
| Description        |                                                            | Ambient Air Quality Monitoring |               |        |
| S.No.              | Parameters                                                 | Method                         | Specification | Result |
|                    | <b>Discipline : Chemical</b>                               |                                |               |        |
|                    | <b>Group : Atmospheric Pollution</b>                       |                                |               |        |
| 1.                 | <b>Ambient Air Quality Parameters</b>                      |                                |               |        |
| a.                 | Sulphur Dioxide(SO <sub>2</sub> ), µg/m <sup>3</sup>       | IS:5182(P-2)                   | 80 Max        | 8.30   |
| b.                 | Nitrogen Dioxide(NO <sub>2</sub> ), µg/m <sup>3</sup>      | IS:5182(P-6)                   | 80 Max        | 12.11  |
| c.                 | Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>  | IS:5182(P-23)                  | 100 Max       | 107.23 |
| d.                 | Particulate matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup> | STP/ITC/EW-01                  | 60 Max        | 53.45  |

*V Saini*  
Vikrant  
04-03-2022  
Reviewer

*PremKumar*  
05-03-2022  
PremKumar  
[Authorized Signatory]

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## Test Report

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2202220957<br><b>Sample Reg. Date</b> :22-02-2022<br><b>Report Date</b> :04-03-2022<br><b>Report No.</b> :ICE-2203040162<br><b>NABL ULR No.</b> :TC592622000003542F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| e. | Ozone(O <sub>3</sub> ),µg/m <sup>3</sup>                   | IS:5182(P-9)                                      | 180 Max | BLQ(LOQ: 14)  |
| f. | Lead(As Pb),µg/m <sup>3</sup>                              | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max | BLQ(LOQ:0.1)  |
| g. | Carbon Monoxide(CO),mg/m <sup>3</sup>                      | IS:5182(P-10)                                     | 4 Max   | 1.4           |
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | BLQ(LOQ: 20)  |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ(LOQ: 1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE** : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per NAAQS 2009, Sampling Procedure - SOP/ITC/EW/056. Purpose of Monitoring: For self Monitoring

**REMARKS** :N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

V Saini

Vikrant  
04-03-2022  
Reviewer

PremKumar

05-03-2022  
PremKumar  
[Authorized Signatory]

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## Test Report

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2202220959<br><b>Sample Reg. Date</b> :22-02-2022<br><b>Report Date</b> :04-03-2022<br><b>Report No.</b> :ICE-2203040154<br><b>NABL ULR No.</b> :TC592622000003559F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                   |                       |
|-----------------------------------|-----------------------|
| <b>Test Report as per :</b>       | : NAAQS 2009          |
| <b>General Information :</b>      |                       |
| Location of Sampling Point        | : Village - Khanpur   |
| Date of Monitoring                | : 17-02-2022          |
| Time of Monitoring                | : 10:40 hrs           |
| Purpose of Monitoring             | : For Self Monitoring |
| Duration of Monitoring,minutes    | : 1440                |
| Avg. Flow Rate of Sampling,m3/min | : 1.33                |
| Volume of air sampled,m3          | : 1929.55             |
| Avg. Ambient Temperature,°C       | : 15                  |

| <b>Description</b> |                                                           |                                |               |        |
|--------------------|-----------------------------------------------------------|--------------------------------|---------------|--------|
| Description        |                                                           | Ambient Air Quality Monitoring |               |        |
| S.No.              | Parameters                                                | Method                         | Specification | Result |
|                    | <b>Discipline : Chemical</b>                              |                                |               |        |
|                    | <b>Group : Atmospheric Pollution</b>                      |                                |               |        |
| 1.                 | <b>Ambient Air Quality Parameters</b>                     |                                |               |        |
| a.                 | Sulphur Dioxide(SO <sub>2</sub> ),µg/m <sup>3</sup>       | IS:5182(P-2)                   | 80 Max        | 7.12   |
| b.                 | Nitrogen Dioxide(NO <sub>2</sub> ),µg/m <sup>3</sup>      | IS:5182(P-6)                   | 80 Max        | 12.11  |
| c.                 | Particulate Matter (PM <sub>10</sub> ),µg/m <sup>3</sup>  | IS:5182(P-23)                  | 100 Max       | 130.24 |
| d.                 | Particulate matter (PM <sub>2.5</sub> ),µg/m <sup>3</sup> | STP/ITC/EW-01                  | 60 Max        | 56.40  |

*V Saini*  
Vikrant  
04-03-2022  
Reviewer

*PremKumar*  
05-03-2022  
PremKumar  
[Authorized Signatory]

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2202220959<br><b>Sample Reg. Date</b> :22-02-2022<br><b>Report Date</b> :04-03-2022<br><b>Report No.</b> :ICE-2203040154<br><b>NABL ULR No.</b> :TC592622000003559F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

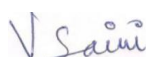
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| e. | Ozone(O <sub>3</sub> ),µg/m <sup>3</sup>                   | IS:5182(P-9)                                      | 180 Max | 19.36         |
| f. | Lead(As Pb),µg/m <sup>3</sup>                              | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max | BLQ(LOQ:0.1)  |
| g. | Carbon Monoxide(CO),mg/m <sup>3</sup>                      | IS:5182(P-10)                                     | 4 Max   | 1.3           |
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | 26.13         |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ(LOQ: 1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE** : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per NAAQS 2009, Sampling Procedure - SOP/ITC/EW/056. Purpose of Monitoring: For self Monitoring

**REMARKS** :N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Vikrant  
04-03-2022  
Reviewer

  
05-03-2022  
PremKumar  
[Authorized Signatory]

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86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2202220960<br><b>Sample Reg. Date</b> :22-02-2022<br><b>Report Date</b> :04-03-2022<br><b>Report No.</b> :ICE-2203040163<br><b>NABL ULR No.</b> :TC592622000003552F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                   |                       |
|-----------------------------------|-----------------------|
| <b>Test Report as per :</b>       | : NAAQS 2009          |
| <b>General Information :</b>      |                       |
| Location of Sampling Point        | : Near Shakti Vihar   |
| Date of Monitoring                | : 17-02-2022          |
| Time of Monitoring                | : 11:30 hrs           |
| Purpose of Monitoring             | : For Self Monitoring |
| Duration of Monitoring,minutes    | : 1440                |
| Avg. Flow Rate of Sampling,m3/min | : 1.34                |
| Volume of air sampled,m3          | : 1944.06             |
| Avg. Ambient Temperature,°C       | : 15                  |

| Description |                                               |                                |               |        |
|-------------|-----------------------------------------------|--------------------------------|---------------|--------|
| Description |                                               | Ambient Air Quality Monitoring |               |        |
|             |                                               |                                |               |        |
| S.No.       | Parameters                                    | Method                         | Specification | Result |
|             | Discipline : Chemical                         |                                |               |        |
|             | Group : Atmospheric Pollution                 |                                |               |        |
| 1.          | Ambient Air Quality Parameters                |                                |               |        |
| a.          | Sulphur Dioxide(SO2),µg/m3                    | IS:5182(P-2)                   | 80 Max        | 6.52   |
| b.          | Nitrogen Dioxide(NO2),µg/m3                   | IS:5182(P-6)                   | 80 Max        | 10.31  |
| c.          | Particulate Matter (PM <sub>10</sub> ),µg/m3  | IS:5182(P-23)                  | 100 Max       | 85.13  |
| d.          | Particulate matter (PM <sub>2.5</sub> ),µg/m3 | STP/ITC/EW-01                  | 60 Max        | 34.09  |

V Saini

Vikrant  
04-03-2022  
Reviewer

PremKumar

05-03-2022  
PremKumar  
[Authorized Signatory]

### Interstellar Testing Centre Pvt. Ltd.

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2202220960<br><b>Sample Reg. Date</b> :22-02-2022<br><b>Report Date</b> :04-03-2022<br><b>Report No.</b> :ICE-2203040163<br><b>NABL ULR No.</b> :TC592622000003552F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| e. | Ozone(O <sub>3</sub> ),µg/m <sup>3</sup>                   | IS:5182(P-9)                                      | 180 Max | BLQ(LOQ: 14)  |
| f. | Lead(As Pb),µg/m <sup>3</sup>                              | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max | BLQ(LOQ:0.1)  |
| g. | Carbon Monoxide(CO),mg/m <sup>3</sup>                      | IS:5182(P-10)                                     | 4 Max   | 1.4           |
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | BLQ(LOQ: 20)  |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ(LOQ: 1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE** : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per NAAQS 2009, Sampling Procedure - SOP/ITC/EW/056. Purpose of Monitoring: For self Monitoring

**REMARKS** :N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

V Saini

Vikrant  
04-03-2022  
Reviewer

PremKumar

05-03-2022  
PremKumar  
[Authorized Signatory]

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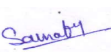
## Test Report

Document QF : 2501  
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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2203020061<br><b>Sample Reg. Date</b> :02-03-2022<br><b>Report Date</b> :11-03-2022<br><b>Report No.</b> :ICE-2203110736<br><b>NABL ULR No.</b> :TC592622000004069F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                   |                       |
|-----------------------------------|-----------------------|
| <b>Test Report as per :</b>       | : NAAQS 2009          |
| <b>General Information :</b>      |                       |
| Location of Sampling Point        | : Near Gate No.3      |
| Date of Monitoring                | : 21-02-2022          |
| Time of Monitoring                | : 10:45 hrs           |
| Purpose of Monitoring             | : For Self Monitoring |
| Duration of Monitoring,minutes    | : 1440                |
| Avg. Flow Rate of Sampling,m3/min | : 1.33                |
| Volume of air sampled,m3          | : 1922.87             |
| Avg. Ambient Temperature,°C       | : 16                  |

| <b>Description</b> |                                                           |                                |               |        |
|--------------------|-----------------------------------------------------------|--------------------------------|---------------|--------|
| Description        |                                                           | Ambient Air Quality Monitoring |               |        |
| S.No.              | Parameters                                                | Method                         | Specification | Result |
|                    | <b>Discipline : Chemical</b>                              |                                |               |        |
|                    | <b>Group : Atmospheric Pollution</b>                      |                                |               |        |
| 1.                 | <b>Ambient Air Quality Parameters</b>                     |                                |               |        |
| a.                 | Sulphur Dioxide(SO <sub>2</sub> ),µg/m <sup>3</sup>       | IS:5182(P-2)                   | 80 Max        | 10.12  |
| b.                 | Nitrogen Dioxide(NO <sub>2</sub> ),µg/m <sup>3</sup>      | IS:5182(P-6)                   | 80 Max        | 14.40  |
| c.                 | Particulate Matter (PM <sub>10</sub> ),µg/m <sup>3</sup>  | IS:5182(P-23)                  | 100 Max       | 127.26 |
| d.                 | Particulate matter (PM <sub>2.5</sub> ),µg/m <sup>3</sup> | STP/ITC/EW-01                  | 60 Max        | 63.13  |

  
Saurabh Sharma  
11-03-2022  
Reviewer

  
11-03-2022  
PremKumar  
[Authorized Signatory]

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## Test Report

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2203020061<br><b>Sample Reg. Date</b> :02-03-2022<br><b>Report Date</b> :11-03-2022<br><b>Report No.</b> :ICE-2203110736<br><b>NABL ULR No.</b> :TC592622000004069F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

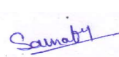
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| e. | Ozone(O <sub>3</sub> ),µg/m <sup>3</sup>                   | IS:5182(P-9)                                      | 180 Max | 18.28         |
| f. | Lead(As Pb),µg/m <sup>3</sup>                              | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max | BLQ(LOQ:0.1)  |
| g. | Carbon Monoxide(CO),mg/m <sup>3</sup>                      | IS:5182(P-10)                                     | 4 Max   | 1.2           |
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | 23.34         |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ(LOQ: 1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE** : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per NAAQS 2009.  
Sampling Procedure: SOP/ITC/EW/056

**REMARKS** :N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
11-03-2022  
Reviewer

  
11-03-2022  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
Panchkula-134109 (Haryana)  
Phone : (O) 0172-2561543, 2565825  
Email : customersupport@itclabs.com  
Visit us :www.itclabs.com

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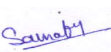
## Test Report

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|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2203020060<br><b>Sample Reg. Date</b> :02-03-2022<br><b>Report Date</b> :11-03-2022<br><b>Report No.</b> :ICE-2203110735<br><b>NABL ULR No.</b> :TC592622000004068F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                 |                       |
|-------------------------------------------------|-----------------------|
| <b>Test Report as per :</b>                     | : NAAQS 2009          |
| <b>General Information :</b>                    |                       |
| Location of Sampling Point                      | : Near Block C-3      |
| Date of Monitoring                              | : 21-02-2022          |
| Time of Monitoring                              | : 10:55 Hrs           |
| Purpose of Monitoring                           | : For Self Monitoring |
| Duration of Monitoring, minutes                 | : 1440                |
| Avg. Flow Rate of Sampling, m <sup>3</sup> /min | : 1.32                |
| Volume of air sampled, m <sup>3</sup>           | : 1908.42             |
| Avg. Ambient Temperature, °C                    | : 16                  |

| <b>Description</b> |                                                            |                                |               |        |
|--------------------|------------------------------------------------------------|--------------------------------|---------------|--------|
| Description        |                                                            | Ambient Air Quality Monitoring |               |        |
| S.No.              | Parameters                                                 | Method                         | Specification | Result |
|                    | <b>Discipline : Chemical</b>                               |                                |               |        |
|                    | <b>Group : Atmospheric Pollution</b>                       |                                |               |        |
| 1.                 | <b>Ambient Air Quality Parameters</b>                      |                                |               |        |
| a.                 | Sulphur Dioxide(SO <sub>2</sub> ), µg/m <sup>3</sup>       | IS:5182(P-2)                   | 80 Max        | 10.12  |
| b.                 | Nitrogen Dioxide(NO <sub>2</sub> ), µg/m <sup>3</sup>      | IS:5182(P-6)                   | 80 Max        | 17.10  |
| c.                 | Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>  | IS:5182(P-23)                  | 100 Max       | 98.25  |
| d.                 | Particulate matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup> | STP/ITC/EW-01                  | 60 Max        | 54.29  |

  
Saurabh Sharma  
11-03-2022  
Reviewer

  
11-03-2022  
PremKumar  
[Authorized Signatory]

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## Test Report

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2203020060<br><b>Sample Reg. Date</b> :02-03-2022<br><b>Report Date</b> :11-03-2022<br><b>Report No.</b> :ICE-2203110735<br><b>NABL ULR No.</b> :TC592622000004068F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

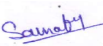
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| e. | Ozone(O <sub>3</sub> ),µg/m <sup>3</sup>                   | IS:5182(P-9)                                      | 180 Max | 17.27         |
| f. | Lead(As Pb),µg/m <sup>3</sup>                              | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max | BLQ(LOQ:0.1)  |
| g. | Carbon Monoxide(CO),mg/m <sup>3</sup>                      | IS:5182(P-10)                                     | 4 Max   | 1.3           |
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | 22.24         |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ(LOQ: 1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE** : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per NAAQS 2009.  
Sampling Procedure: SOP/ITC/EW/056

**REMARKS** :N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
11-03-2022  
Reviewer

  
11-03-2022  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
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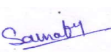
## Test Report

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2203020062<br><b>Sample Reg. Date</b> :02-03-2022<br><b>Report Date</b> :11-03-2022<br><b>Report No.</b> :ICE-2203110737<br><b>NABL ULR No.</b> :TC592622000004070F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                   |                       |
|-----------------------------------|-----------------------|
| <b>Test Report as per :</b>       | : NAAQS 2009          |
| <b>General Information :</b>      |                       |
| Location of Sampling Point        | : Village - khanpur   |
| Date of Monitoring                | : 21-02-2022          |
| Time of Monitoring                | : 10:30 hrs           |
| Purpose of Monitoring             | : For Self Monitoring |
| Duration of Monitoring,minutes    | : 1440                |
| Avg. Flow Rate of Sampling,m3/min | : 1.33                |
| Volume of air sampled,m3          | : 1922.87             |
| Avg. Ambient Temperature,°C       | : 16                  |

| <b>Description</b> |                                                           |                                |               |        |
|--------------------|-----------------------------------------------------------|--------------------------------|---------------|--------|
| Description        |                                                           | Ambient Air Quality Monitoring |               |        |
| S.No.              | Parameters                                                | Method                         | Specification | Result |
|                    | <b>Discipline : Chemical</b>                              |                                |               |        |
|                    | <b>Group : Atmospheric Pollution</b>                      |                                |               |        |
| 1.                 | <b>Ambient Air Quality Parameters</b>                     |                                |               |        |
| a.                 | Sulphur Dioxide(SO <sub>2</sub> ),µg/m <sup>3</sup>       | IS:5182(P-2)                   | 80 Max        | 8.15   |
| b.                 | Nitrogen Dioxide(NO <sub>2</sub> ),µg/m <sup>3</sup>      | IS:5182(P-6)                   | 80 Max        | 20.14  |
| c.                 | Particulate Matter (PM <sub>10</sub> ),µg/m <sup>3</sup>  | IS:5182(P-23)                  | 100 Max       | 118.45 |
| d.                 | Particulate matter (PM <sub>2.5</sub> ),µg/m <sup>3</sup> | STP/ITC/EW-01                  | 60 Max        | 58.02  |

  
Saurabh Sharma  
11-03-2022  
Reviewer

  
11-03-2022  
PremKumar  
[Authorized Signatory]

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## Test Report

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2203020062<br><b>Sample Reg. Date</b> :02-03-2022<br><b>Report Date</b> :11-03-2022<br><b>Report No.</b> :ICE-2203110737<br><b>NABL ULR No.</b> :TC592622000004070F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
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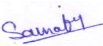
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| e. | Ozone(O <sub>3</sub> ),µg/m <sup>3</sup>                   | IS:5182(P-9)                                      | 180 Max | 18.24         |
| f. | Lead(As Pb),µg/m <sup>3</sup>                              | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max | BLQ(LOQ:0.1)  |
| g. | Carbon Monoxide(CO),mg/m <sup>3</sup>                      | IS:5182(P-10)                                     | 4 Max   | 1.3           |
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | 24.21         |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ(LOQ: 1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE** : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per NAAQS 2009.  
Sampling Procedure: SOP/ITC/EW/056

**REMARKS** :N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
11-03-2022  
Reviewer

  
11-03-2022  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
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Panchkula-134109 (Haryana)  
Phone : (O) 0172-2561543, 2565825  
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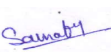
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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2203020063<br><b>Sample Reg. Date</b> :02-03-2022<br><b>Report Date</b> :11-03-2022<br><b>Report No.</b> :ICE-2203110738<br><b>NABL ULR No.</b> :TC592622000004065F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                   |                       |
|-----------------------------------|-----------------------|
| <b>Test Report as per :</b>       | : NAAQS 2009          |
| <b>General Information :</b>      |                       |
| Location of Sampling Point        | : Near Shakti Vihar   |
| Date of Monitoring                | : 21-02-2022          |
| Time of Monitoring                | : 11:20 hrs           |
| Purpose of Monitoring             | : For Self Monitoring |
| Duration of Monitoring,minutes    | : 1440                |
| Avg. Flow Rate of Sampling,m3/min | : 1.33                |
| Volume of air sampled,m3          | : 1922.87             |
| Avg. Ambient Temperature,°C       | : 16                  |

| <b>Description</b> |                                                           |                                |               |        |
|--------------------|-----------------------------------------------------------|--------------------------------|---------------|--------|
| Description        |                                                           | Ambient Air Quality Monitoring |               |        |
| S.No.              | Parameters                                                | Method                         | Specification | Result |
|                    | <b>Discipline : Chemical</b>                              |                                |               |        |
|                    | <b>Group : Atmospheric Pollution</b>                      |                                |               |        |
| 1.                 | <b>Ambient Air Quality Parameters</b>                     |                                |               |        |
| a.                 | Sulphur Dioxide(SO <sub>2</sub> ),µg/m <sup>3</sup>       | IS:5182(P-2)                   | 80 Max        | 5.98   |
| b.                 | Nitrogen Dioxide(NO <sub>2</sub> ),µg/m <sup>3</sup>      | IS:5182(P-6)                   | 80 Max        | 11.20  |
| c.                 | Particulate Matter (PM <sub>10</sub> ),µg/m <sup>3</sup>  | IS:5182(P-23)                  | 100 Max       | 91.36  |
| d.                 | Particulate matter (PM <sub>2.5</sub> ),µg/m <sup>3</sup> | STP/ITC/EW-01                  | 60 Max        | 42.57  |

  
Saurabh Sharma  
11-03-2022  
Reviewer

  
11-03-2022  
PremKumar  
[Authorized Signatory]

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Page 2 of 2

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2203020063<br><b>Sample Reg. Date</b> :02-03-2022<br><b>Report Date</b> :11-03-2022<br><b>Report No.</b> :ICE-2203110738<br><b>NABL ULR No.</b> :TC592622000004065F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
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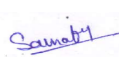
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| e. | Ozone(O <sub>3</sub> ),µg/m <sup>3</sup>                   | IS:5182(P-9)                                      | 180 Max | 18.28         |
| f. | Lead(As Pb),µg/m <sup>3</sup>                              | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max | BLQ(LOQ:0.1)  |
| g. | Carbon Monoxide(CO),mg/m <sup>3</sup>                      | IS:5182(P-10)                                     | 4 Max   | 1.2           |
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | 22.30         |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ(LOQ: 1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE** : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per NAAQS 2009.  
Sampling Procedure: SOP/ITC/EW/056

**REMARKS** :N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
11-03-2022  
Reviewer

  
11-03-2022  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
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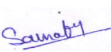
## Test Report

Document QF : 2501  
Page 1 of 2

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2203020065<br><b>Sample Reg. Date</b> :02-03-2022<br><b>Report Date</b> :11-03-2022<br><b>Report No.</b> :ICE-2203110741<br><b>NABL ULR No.</b> :TC592622000004061F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                   |                       |
|-----------------------------------|-----------------------|
| <b>Test Report as per :</b>       | : NAAQS 2009          |
| <b>General Information :</b>      |                       |
| Location of Sampling Point        | : Near Gate No.3      |
| Date of Monitoring                | : 24-02-2022          |
| Time of Monitoring                | : 10:50 hrs           |
| Purpose of Monitoring             | : For Self Monitoring |
| Duration of Monitoring,minutes    | : 1440                |
| Avg. Flow Rate of Sampling,m3/min | : 1.34                |
| Volume of air sampled,m3          | : 1917.43             |
| Avg. Ambient Temperature,°C       | : 19                  |

| <b>Description</b> |                                                           |                                |               |        |
|--------------------|-----------------------------------------------------------|--------------------------------|---------------|--------|
| Description        |                                                           | Ambient Air Quality Monitoring |               |        |
| S.No.              | Parameters                                                | Method                         | Specification | Result |
|                    | <b>Discipline : Chemical</b>                              |                                |               |        |
|                    | <b>Group : Atmospheric Pollution</b>                      |                                |               |        |
| 1.                 | <b>Ambient Air Quality Parameters</b>                     |                                |               |        |
| a.                 | Sulphur Dioxide(SO <sub>2</sub> ),µg/m <sup>3</sup>       | IS:5182(P-2)                   | 80 Max        | 10.23  |
| b.                 | Nitrogen Dioxide(NO <sub>2</sub> ),µg/m <sup>3</sup>      | IS:5182(P-6)                   | 80 Max        | 23.21  |
| c.                 | Particulate Matter (PM <sub>10</sub> ),µg/m <sup>3</sup>  | IS:5182(P-23)                  | 100 Max       | 120.74 |
| d.                 | Particulate matter (PM <sub>2.5</sub> ),µg/m <sup>3</sup> | STP/ITC/EW-01                  | 60 Max        | 53.48  |

  
Saurabh Sharma  
11-03-2022  
Reviewer

  
11-03-2022  
PremKumar  
[Authorized Signatory]

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## Test Report

Document QF : 2501  
Page 2 of 2

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2203020065<br><b>Sample Reg. Date</b> :02-03-2022<br><b>Report Date</b> :11-03-2022<br><b>Report No.</b> :ICE-2203110741<br><b>NABL ULR No.</b> :TC592622000004061F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

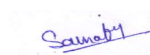
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| e. | Ozone(O <sub>3</sub> ),µg/m <sup>3</sup>                   | IS:5182(P-9)                                      | 180 Max | 20.33         |
| f. | Lead(As Pb),µg/m <sup>3</sup>                              | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max | BLQ(LOQ:0.1)  |
| g. | Carbon Monoxide(CO),mg/m <sup>3</sup>                      | IS:5182(P-10)                                     | 4 Max   | 1.2           |
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | 25.48         |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ(LOQ: 1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE** : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per NAAQS 2009.  
Sampling Procedure: SOP/ITC/EW/056

**REMARKS** :N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
11-03-2022  
Reviewer

  
11-03-2022  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
Panchkula-134109 (Haryana)  
Phone : (O) 0172-2561543, 2565825  
Email : customersupport@itclabs.com  
Visit us :www.itclabs.com

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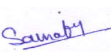
## Test Report

Document QF : 2501  
Page 1 of 2

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|-------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> : E01-2203020064<br><b>Sample Reg. Date</b> : 02-03-2022<br><b>Report Date</b> : 11-03-2022<br><b>Report No.</b> : ICE-2203110739<br><b>NABL ULR No.</b> : TC592622000004062F<br><b>Customer Ref. No.</b> : Order No.5030010814<br><b>Letter Dated</b> : 29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                 |                       |
|-------------------------------------------------|-----------------------|
| <b>Test Report as per :</b>                     | : NAAQS 2009          |
| <b>General Information :</b>                    |                       |
| Location of Sampling Point                      | : Near Block C-3      |
| Date of Monitoring                              | : 24-02-2022          |
| Time of Monitoring                              | : 11:10 hrs           |
| Purpose of Monitoring                           | : For Self Monitoring |
| Duration of Monitoring, minutes                 | : 1440                |
| Avg. Flow Rate of Sampling, m <sup>3</sup> /min | : 1.33                |
| Volume of air sampled, m <sup>3</sup>           | : 1922.87             |
| Avg. Ambient Temperature, °C                    | : 16                  |

| <b>Description</b> |                                                            |                                |               |        |
|--------------------|------------------------------------------------------------|--------------------------------|---------------|--------|
| Description        |                                                            | Ambient Air Quality Monitoring |               |        |
| S.No.              | Parameters                                                 | Method                         | Specification | Result |
|                    | <b>Discipline : Chemical</b>                               |                                |               |        |
|                    | <b>Group : Atmospheric Pollution</b>                       |                                |               |        |
| 1.                 | <b>Ambient Air Quality Parameters</b>                      |                                |               |        |
| a.                 | Sulphur Dioxide(SO <sub>2</sub> ), µg/m <sup>3</sup>       | IS:5182(P-2)                   | 80 Max        | 6.58   |
| b.                 | Nitrogen Dioxide(NO <sub>2</sub> ), µg/m <sup>3</sup>      | IS:5182(P-6)                   | 80 Max        | 11.32  |
| c.                 | Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>  | IS:5182(P-23)                  | 100 Max       | 99.88  |
| d.                 | Particulate matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup> | STP/ITC/EW-01                  | 60 Max        | 50.31  |

  
Saurabh Sharma  
11-03-2022  
Reviewer

  
11-03-2022  
Prem Kumar  
[Authorized Signatory]

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## Test Report

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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2203020064<br><b>Sample Reg. Date</b> :02-03-2022<br><b>Report Date</b> :11-03-2022<br><b>Report No.</b> :ICE-2203110739<br><b>NABL ULR No.</b> :TC592622000004062F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

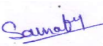
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| e. | Ozone(O <sub>3</sub> ),µg/m <sup>3</sup>                   | IS:5182(P-9)                                      | 180 Max | BLQ(LOQ: 14)  |
| f. | Lead(As Pb),µg/m <sup>3</sup>                              | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max | BLQ(LOQ:0.1)  |
| g. | Carbon Monoxide(CO),mg/m <sup>3</sup>                      | IS:5182(P-10)                                     | 4 Max   | 1.4           |
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | BLQ(LOQ: 20)  |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ(LOQ: 1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE** : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per NAAQS 2009.  
Sampling Procedure: SOP/ITC/EW/056

**REMARKS** :N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
11-03-2022  
Reviewer

  
11-03-2022  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
Panchkula-134109 (Haryana)  
Phone : (O) 0172-2561543, 2565825  
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## Test Report

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2203020066<br><b>Sample Reg. Date</b> :02-03-2022<br><b>Report Date</b> :11-03-2022<br><b>Report No.</b> :ICE-2203110740<br><b>NABL ULR No.</b> :TC592622000004066F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                   |                       |
|-----------------------------------|-----------------------|
| <b>Test Report as per :</b>       | : NAAQS 2009          |
| <b>General Information :</b>      |                       |
| Location of Sampling Point        | : Village- Khanpur    |
| Date of Monitoring                | : 24-02-2022          |
| Time of Monitoring                | : 10:40 hrs           |
| Purpose of Monitoring             | : For Self Monitoring |
| Duration of Monitoring,minutes    | : 1440                |
| Avg. Flow Rate of Sampling,m3/min | : 1.34                |
| Volume of air sampled,m3          | : 1917.43             |
| Avg. Ambient Temperature,°C       | : 19                  |

| <b>Description</b> |                                                           |                                |               |        |
|--------------------|-----------------------------------------------------------|--------------------------------|---------------|--------|
| Description        |                                                           | Ambient Air Quality Monitoring |               |        |
| S.No.              | Parameters                                                | Method                         | Specification | Result |
|                    | <b>Discipline : Chemical</b>                              |                                |               |        |
|                    | <b>Group : Atmospheric Pollution</b>                      |                                |               |        |
| <b>1.</b>          | <b>Ambient Air Quality Parameters</b>                     |                                |               |        |
| a.                 | Sulphur Dioxide(SO <sub>2</sub> ),µg/m <sup>3</sup>       | IS:5182(P-2)                   | 80 Max        | 11.36  |
| b.                 | Nitrogen Dioxide(NO <sub>2</sub> ),µg/m <sup>3</sup>      | IS:5182(P-6)                   | 80 Max        | 20.36  |
| c.                 | Particulate Matter (PM <sub>10</sub> ),µg/m <sup>3</sup>  | IS:5182(P-23)                  | 100 Max       | 112.67 |
| d.                 | Particulate matter (PM <sub>2.5</sub> ),µg/m <sup>3</sup> | STP/ITC/EW-01                  | 60 Max        | 56.25  |

Saurabh Sharma  
11-03-2022  
Reviewer

11-03-2022  
PremKumar  
[Authorized Signatory]

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2203020066<br><b>Sample Reg. Date</b> :02-03-2022<br><b>Report Date</b> :11-03-2022<br><b>Report No.</b> :ICE-2203110740<br><b>NABL ULR No.</b> :TC592622000004066F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
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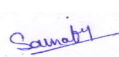
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| e. | Ozone(O <sub>3</sub> ),µg/m <sup>3</sup>                   | IS:5182(P-9)                                      | 180 Max | 19.36         |
| f. | Lead(As Pb),µg/m <sup>3</sup>                              | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max | BLQ(LOQ:0.1)  |
| g. | Carbon Monoxide(CO),mg/m <sup>3</sup>                      | IS:5182(P-10)                                     | 4 Max   | 1.5           |
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | 22.36         |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ(LOQ: 1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE** : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per NAAQS 2009.  
Sampling Procedure: SOP/ITC/EW/056

**REMARKS** :N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
11-03-2022  
Reviewer

  
11-03-2022  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
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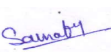
## Test Report

Document QF : 2501  
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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2203020067<br><b>Sample Reg. Date</b> :02-03-2022<br><b>Report Date</b> :11-03-2022<br><b>Report No.</b> :ICE-2203110742<br><b>NABL ULR No.</b> :TC592622000004060F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                 |                       |
|-------------------------------------------------|-----------------------|
| <b>Test Report as per :</b>                     | : NAAQS 2009          |
| <b>General Information :</b>                    |                       |
| Location of Sampling Point                      | : Near Shakti Vihar   |
| Date of Monitoring                              | : 24-02-2022          |
| Time of Monitoring                              | : 11:40 hrs           |
| Purpose of Monitoring                           | : For Self Monitoring |
| Duration of Monitoring, minutes                 | : 1440                |
| Avg. Flow Rate of Sampling, m <sup>3</sup> /min | : 1.34                |
| Volume of air sampled, m <sup>3</sup>           | : 1878.82             |
| Avg. Ambient Temperature, °C                    | : 25                  |

| <b>Description</b> |                                                            |                                |               |        |
|--------------------|------------------------------------------------------------|--------------------------------|---------------|--------|
| Description        |                                                            | Ambient Air Quality Monitoring |               |        |
| S.No.              | Parameters                                                 | Method                         | Specification | Result |
|                    | <b>Discipline : Chemical</b>                               |                                |               |        |
|                    | <b>Group : Atmospheric Pollution</b>                       |                                |               |        |
| 1.                 | <b>Ambient Air Quality Parameters</b>                      |                                |               |        |
| a.                 | Sulphur Dioxide(SO <sub>2</sub> ), µg/m <sup>3</sup>       | IS:5182(P-2)                   | 80 Max        | 7.10   |
| b.                 | Nitrogen Dioxide(NO <sub>2</sub> ), µg/m <sup>3</sup>      | IS:5182(P-6)                   | 80 Max        | 13.28  |
| c.                 | Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>  | IS:5182(P-23)                  | 100 Max       | 90.52  |
| d.                 | Particulate matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup> | STP/ITC/EW-01                  | 60 Max        | 45.39  |

  
Saurabh Sharma  
11-03-2022  
Reviewer

  
11-03-2022  
PremKumar  
[Authorized Signatory]

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## Test Report

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2203020067<br><b>Sample Reg. Date</b> :02-03-2022<br><b>Report Date</b> :11-03-2022<br><b>Report No.</b> :ICE-2203110742<br><b>NABL ULR No.</b> :TC592622000004060F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

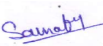
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| e. | Ozone(O <sub>3</sub> ),µg/m <sup>3</sup>                   | IS:5182(P-9)                                      | 180 Max | 21.85         |
| f. | Lead(As Pb),µg/m <sup>3</sup>                              | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max | BLQ(LOQ:0.1)  |
| g. | Carbon Monoxide(CO),mg/m <sup>3</sup>                      | IS:5182(P-10)                                     | 4 Max   | 1.3           |
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | BLQ(LOQ: 20)  |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ(LOQ: 1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE** : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per NAAQS 2009.  
Sampling Procedure: SOP/ITC/EW/056

**REMARKS** :N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
11-03-2022  
Reviewer

  
11-03-2022  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
Panchkula-134109 (Haryana)  
Phone : (O) 0172-2561543, 2565825  
Email : customersupport@itclabs.com  
Visit us :www.itclabs.com

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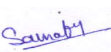
## Test Report

Document QF : 2501  
Page 1 of 2

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2203030167<br><b>Sample Reg. Date</b> :03-03-2022<br><b>Report Date</b> :11-03-2022<br><b>Report No.</b> :ICE-2203110732<br><b>NABL ULR No.</b> :TC592622000004063F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                   |                       |
|-----------------------------------|-----------------------|
| <b>Test Report as per :</b>       | : NAAQS 2009          |
| <b>General Information :</b>      |                       |
| Location of Sampling Point        | : Near Gate No.3      |
| Date of Monitoring                | : 28-02-2022          |
| Time of Monitoring                | : 10:40 hrs           |
| Purpose of Monitoring             | : For Self Monitoring |
| Duration of Monitoring,minutes    | : 1440                |
| Avg. Flow Rate of Sampling,m3/min | : 1.32                |
| Volume of air sampled,m3          | : 1869.60             |
| Avg. Ambient Temperature,°C       | : 22                  |

| <b>Description</b> |                                                           |                                |               |        |
|--------------------|-----------------------------------------------------------|--------------------------------|---------------|--------|
| Description        |                                                           | Ambient Air Quality Monitoring |               |        |
| S.No.              | Parameters                                                | Method                         | Specification | Result |
|                    | <b>Discipline : Chemical</b>                              |                                |               |        |
|                    | <b>Group : Atmospheric Pollution</b>                      |                                |               |        |
| 1.                 | <b>Ambient Air Quality Parameters</b>                     |                                |               |        |
| a.                 | Sulphur Dioxide(SO <sub>2</sub> ),µg/m <sup>3</sup>       | IS:5182(P-2)                   | 80 Max        | 13.36  |
| b.                 | Nitrogen Dioxide(NO <sub>2</sub> ),µg/m <sup>3</sup>      | IS:5182(P-6)                   | 80 Max        | 20.21  |
| c.                 | Particulate Matter (PM <sub>10</sub> ),µg/m <sup>3</sup>  | IS:5182(P-23)                  | 100 Max       | 131.26 |
| d.                 | Particulate matter (PM <sub>2.5</sub> ),µg/m <sup>3</sup> | STP/ITC/EW-01                  | 60 Max        | 57.24  |

  
Saurabh Sharma  
11-03-2022  
Reviewer

  
11-03-2022  
PremKumar  
[Authorized Signatory]

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## Test Report

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2203030167<br><b>Sample Reg. Date</b> :03-03-2022<br><b>Report Date</b> :11-03-2022<br><b>Report No.</b> :ICE-2203110732<br><b>NABL ULR No.</b> :TC592622000004063F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

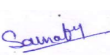
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| e. | Ozone(O <sub>3</sub> ),µg/m <sup>3</sup>                   | IS:5182(P-9)                                      | 180 Max | 22.27         |
| f. | Lead(As Pb),µg/m <sup>3</sup>                              | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max | BLQ(LOQ:0.1)  |
| g. | Carbon Monoxide(CO),mg/m <sup>3</sup>                      | IS:5182(P-10)                                     | 4 Max   | 1.4           |
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | 29.35         |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ(LOQ: 1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE** : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per NAAQS 2009.  
Sampling Procedure: SOP/ITC/EW/056

**REMARKS** :N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
11-03-2022  
Reviewer

  
11-03-2022  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
Panchkula-134109 (Haryana)  
Phone : (O) 0172-2561543, 2565825  
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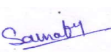
## Test Report

Document QF : 2501  
Page 1 of 2

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2203030166<br><b>Sample Reg. Date</b> :03-03-2022<br><b>Report Date</b> :11-03-2022<br><b>Report No.</b> :ICE-2203110731<br><b>NABL ULR No.</b> :TC592622000004059F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                 |                       |
|-------------------------------------------------|-----------------------|
| <b>Test Report as per :</b>                     | : NAAQS 2009          |
| <b>General Information :</b>                    |                       |
| Location of Sampling Point                      | : Near Block C-6      |
| Date of Monitoring                              | : 28-02-2022          |
| Time of Monitoring                              | : 10:55 hrs           |
| Purpose of Monitoring                           | : For Self Monitoring |
| Duration of Monitoring, minutes                 | : 1440                |
| Avg. Flow Rate of Sampling, m <sup>3</sup> /min | : 1.34                |
| Volume of air sampled, m <sup>3</sup>           | : 1897.93             |
| Avg. Ambient Temperature, °C                    | : 22                  |

| <b>Description</b> |                                                            |                                |               |        |
|--------------------|------------------------------------------------------------|--------------------------------|---------------|--------|
| Description        |                                                            | Ambient Air Quality Monitoring |               |        |
| S.No.              | Parameters                                                 | Method                         | Specification | Result |
|                    | <b>Discipline : Chemical</b>                               |                                |               |        |
|                    | <b>Group : Atmospheric Pollution</b>                       |                                |               |        |
| 1.                 | <b>Ambient Air Quality Parameters</b>                      |                                |               |        |
| a.                 | Sulphur Dioxide(SO <sub>2</sub> ), µg/m <sup>3</sup>       | IS:5182(P-2)                   | 80 Max        | 7.29   |
| b.                 | Nitrogen Dioxide(NO <sub>2</sub> ), µg/m <sup>3</sup>      | IS:5182(P-6)                   | 80 Max        | 12.40  |
| c.                 | Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>  | IS:5182(P-23)                  | 100 Max       | 116.28 |
| d.                 | Particulate matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup> | STP/ITC/EW-01                  | 60 Max        | 51.35  |

  
Saurabh Sharma  
11-03-2022  
Reviewer

  
11-03-2022  
Prem Kumar  
[Authorized Signatory]

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## Test Report

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2203030166<br><b>Sample Reg. Date</b> :03-03-2022<br><b>Report Date</b> :11-03-2022<br><b>Report No.</b> :ICE-2203110731<br><b>NABL ULR No.</b> :TC592622000004059F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

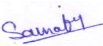
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| e. | Ozone(O <sub>3</sub> ),µg/m <sup>3</sup>                   | IS:5182(P-9)                                      | 180 Max | BLQ(LOQ: 14)  |
| f. | Lead(As Pb),µg/m <sup>3</sup>                              | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max | BLQ(LOQ:0.1)  |
| g. | Carbon Monoxide(CO),mg/m <sup>3</sup>                      | IS:5182(P-10)                                     | 4 Max   | 1.3           |
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | BLQ(LOQ: 20)  |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ(LOQ: 1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE** : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per NAAQS 2009.  
Sampling Procedure: SOP/ITC/EW/056

**REMARKS** :N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
11-03-2022  
Reviewer

  
11-03-2022  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
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Panchkula-134109 (Haryana)  
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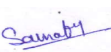
## Test Report

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Page 1 of 2

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2203030168<br><b>Sample Reg. Date</b> :03-03-2022<br><b>Report Date</b> :11-03-2022<br><b>Report No.</b> :ICE-2203110733<br><b>NABL ULR No.</b> :TC592622000004064F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                   |                       |
|-----------------------------------|-----------------------|
| <b>Test Report as per :</b>       | : NAAQS 2009          |
| <b>General Information :</b>      |                       |
| Location of Sampling Point        | : Village- Khanpur    |
| Date of Monitoring                | : 28-02-2022          |
| Time of Monitoring                | : 10:30 hrs           |
| Purpose of Monitoring             | : For Self Monitoring |
| Duration of Monitoring,minutes    | : 1440                |
| Avg. Flow Rate of Sampling,m3/min | : 1.33                |
| Volume of air sampled,m3          | : 1877.40             |
| Avg. Ambient Temperature,°C       | : 23                  |

| Description |                                               |                                |               |        |
|-------------|-----------------------------------------------|--------------------------------|---------------|--------|
| Description |                                               | Ambient Air Quality Monitoring |               |        |
|             |                                               |                                |               |        |
| S.No.       | Parameters                                    | Method                         | Specification | Result |
|             | Discipline : Chemical                         |                                |               |        |
|             | Group : Atmospheric Pollution                 |                                |               |        |
| 1.          | Ambient Air Quality Parameters                |                                |               |        |
| a.          | Sulphur Dioxide(SO2),µg/m3                    | IS:5182(P-2)                   | 80 Max        | 10.36  |
| b.          | Nitrogen Dioxide(NO2),µg/m3                   | IS:5182(P-6)                   | 80 Max        | 18.43  |
| c.          | Particulate Matter (PM <sub>10</sub> ),µg/m3  | IS:5182(P-23)                  | 100 Max       | 126.24 |
| d.          | Particulate matter (PM <sub>2.5</sub> ),µg/m3 | STP/ITC/EW-01                  | 60 Max        | 53.45  |

  
Saurabh Sharma  
11-03-2022  
Reviewer

  
11-03-2022  
PremKumar  
[Authorized Signatory]

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## Test Report

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

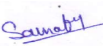
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| e. | Ozone(O <sub>3</sub> ),µg/m <sup>3</sup>                   | IS:5182(P-9)                                      | 180 Max | 19.24         |
| f. | Lead(As Pb),µg/m <sup>3</sup>                              | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max | BLQ(LOQ:0.1)  |
| g. | Carbon Monoxide(CO),mg/m <sup>3</sup>                      | IS:5182(P-10)                                     | 4 Max   | 1.2           |
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | 25.55         |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ(LOQ: 1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE** : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per NAAQS 2009.  
Sampling Procedure: SOP/ITC/EW/056

**REMARKS** :N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
11-03-2022  
Reviewer

  
11-03-2022  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
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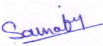
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## Test Report

|                                                                                                             |                                                                                                                                                                                                                                                                   |
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2203030169<br><b>Sample Reg. Date</b> :03-03-2022<br><b>Report Date</b> :11-03-2022<br><b>Report No.</b> :ICE-2203110734<br><b>NABL ULR No.</b> :TC592622000004067F<br><b>Customer Ref. No.:</b> v<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                   |                       |
|-----------------------------------|-----------------------|
| <b>Test Report as per :</b>       | : NAAQS 2009          |
| <b>General Information :</b>      |                       |
| Location of Sampling Point        | : Near Shakti Vihar   |
| Date of Monitoring                | : 28-02-2022          |
| Time of Monitoring                | : 11:10 hrs           |
| Purpose of Monitoring             | : For Self Monitoring |
| Duration of Monitoring,minutes    | : 1440                |
| Avg. Flow Rate of Sampling,m3/min | : 1.33                |
| Volume of air sampled,m3          | : 1877.40             |
| Avg. Ambient Temperature,°C       | : 23                  |

| Description |                                   |                                |               |        |
|-------------|-----------------------------------|--------------------------------|---------------|--------|
| Description |                                   | Ambient Air Quality Monitoring |               |        |
|             |                                   |                                |               |        |
| S.No.       | Parameters                        | Method                         | Specification | Result |
|             | Discipline : Chemical             |                                |               |        |
|             | Group : Atmospheric Pollution     |                                |               |        |
| 1.          | Ambient Air Quality Parameters    |                                |               |        |
| a.          | Sulphur Dioxide(SO2),µg/m3        | IS:5182(P-2)                   | 80 Max        | 7.92   |
| b.          | Nitrogen Dioxide(NO2),µg/m3       | IS:5182(P-6)                   | 80 Max        | 13.35  |
| c.          | Particulate Matter (PM10),µg/m3   | IS:5182(P-23)                  | 100 Max       | 102.27 |
| d.          | Particulate matter (PM 2.5),µg/m3 | STP/ITC/EW-01                  | 60 Max        | 51.35  |

  
Saurabh Sharma  
11-03-2022  
Reviewer

  
11-03-2022  
PremKumar  
[Authorized Signatory]

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## Test Report

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|                                                                                                             |                                                                                                                                                                                                                                                                   |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2203030169<br><b>Sample Reg. Date</b> :03-03-2022<br><b>Report Date</b> :11-03-2022<br><b>Report No.</b> :ICE-2203110734<br><b>NABL ULR No.</b> :TC592622000004067F<br><b>Customer Ref. No.:</b> v<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

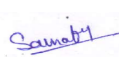
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| e. | Ozone(O <sub>3</sub> ),µg/m <sup>3</sup>                   | IS:5182(P-9)                                      | 180 Max | 18.29         |
| f. | Lead(As Pb),µg/m <sup>3</sup>                              | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max | BLQ(LOQ:0.1)  |
| g. | Carbon Monoxide(CO),mg/m <sup>3</sup>                      | IS:5182(P-10)                                     | 4 Max   | 1.3           |
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | BLQ(LOQ: 20)  |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ(LOQ: 1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE** : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per NAAQS 2009.  
Sampling Procedure: SOP/ITC/EW/056

**REMARKS** :N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
11-03-2022  
Reviewer

  
11-03-2022  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
Panchkula-134109 (Haryana)  
Phone : (O) 0172-2561543, 2565825  
Email : customersupport@itclabs.com  
Visit us :www.itclabs.com

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2202050273<br><b>Sample Reg. Date</b> :05-02-2022<br><b>Report Date</b> :10-02-2022<br><b>Report No.</b> :ICE-2202100737<br><b>NABL ULR No.</b> :TC592622000002351F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
| <b>Test Report as per :</b>                                                                                 | : EPA Act 1986/PCLS/2010                                                                                                                                                                                                                                                            |
| <b>General Information :</b>                                                                                |                                                                                                                                                                                                                                                                                     |
| Date of Monitoring                                                                                          | : 04-02-2022                                                                                                                                                                                                                                                                        |
| Time of Monitoring                                                                                          | : 11:00 to 11:22 hrs                                                                                                                                                                                                                                                                |
| Name of the emission source monitored                                                                       | : Stack Emission of Boiler                                                                                                                                                                                                                                                          |
| (a) Rated Capacity                                                                                          | : 660 MW                                                                                                                                                                                                                                                                            |
| (b) Capacity on sampling day                                                                                | : 660 MW                                                                                                                                                                                                                                                                            |
| (c) Type of fuel used & its consumption                                                                     | : Coal & 425 Ton/hrs                                                                                                                                                                                                                                                                |
| (d) Normal operating schedule                                                                               | : 24 hrs                                                                                                                                                                                                                                                                            |
| 2. Stack Identification                                                                                     | : Stack attached to Boiler Unit-IIInd (At 65 meter's Height)                                                                                                                                                                                                                        |
| 3.Type of Stack/Duct                                                                                        | : Metal                                                                                                                                                                                                                                                                             |
| 4.Stack Height from Ground Level(m)                                                                         | : 275                                                                                                                                                                                                                                                                               |
| Diameter of the Stack(cm)                                                                                   | : 700                                                                                                                                                                                                                                                                               |
| (6) Sampling Duration(minutes)                                                                              | : 22                                                                                                                                                                                                                                                                                |
| Purpose of Monitoring                                                                                       | : For Self Monitoring                                                                                                                                                                                                                                                               |
| (8) Air Pollution control measure                                                                           | : ESP + FF + FGD + Low Nox Burner                                                                                                                                                                                                                                                   |
| (a) Status                                                                                                  | : Working                                                                                                                                                                                                                                                                           |
| (b) Recovery of Material                                                                                    | : -                                                                                                                                                                                                                                                                                 |
| (9) Fugitive Emission,if any                                                                                | : Nil                                                                                                                                                                                                                                                                               |
| <b>Observations :</b>                                                                                       |                                                                                                                                                                                                                                                                                     |

*Saurabh Sharma*  
Saurabh Sharma  
10-02-2022  
Reviewer

*PremKumar*  
10-02-2022  
PremKumar  
[Authorized Signatory]

### Interstellar Testing Centre Pvt. Ltd.

86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
Panchkula-134109 (Haryana)  
Phone : (O) 0172-2561543, 2565825  
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|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

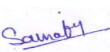
|                                            |              |
|--------------------------------------------|--------------|
| Flue Gas Temperature, °C,Avg.              | : 53         |
| Flue Gas Velocity(m/s),Avg.                | : 26.10      |
| Volumetric Flow Rate(Nm <sup>3</sup> /hr.) | : 3199422.77 |
| Ambient Air Temperature, °C                | : 12         |

| S.No. | Parameters                                                                                              | Method          | Specification | Result        |
|-------|---------------------------------------------------------------------------------------------------------|-----------------|---------------|---------------|
|       | <b>Discipline : Chemical</b>                                                                            |                 |               |               |
|       | <b>Group : Atmospheric Pollution</b>                                                                    |                 |               |               |
| 1.    | <b>General Parameters</b>                                                                               |                 |               |               |
| a.    | Particulate Matter, mg/Nm <sup>3</sup> (Corrected to 6% O <sub>2</sub> on dry basis)                    | IS:11255(P-1)   | Max. 50       | 28.25         |
| b.    | Sulphur Dioxide (SO <sub>2</sub> ), mg/Nm <sup>3</sup> (Corrected to 6% O <sub>2</sub> on dry basis)    | IS:11255(P-2)   | Max. 200      | 176.49        |
| c.    | Oxides of Nitrogen (NO <sub>x</sub> ), mg/Nm <sup>3</sup> (Corrected to 6% O <sub>2</sub> on dry basis) | IS:11255(P-7)   | Max. 450      | 199.80        |
| d.    | Mercury(As Hg),mg/Nm <sup>3</sup>                                                                       | USEPA Method    | Max. 0.03     | BLQ(LOQ:0.01) |
| e.    | Carbon Monoxide(CO),% v/v                                                                               | IS:13270        | Max. 1.0      | 0.2           |
| f.    | Moisture, % by mass                                                                                     | IS: 11255 (P-3) | Not Specified | 5.8           |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per EPA Act 1986/PCLS/2010, Sample collected by lab rep. on dated 04.02.2022, Sampling Procedure - SOP/ITC/EW/056

**REMARKS :**N/A

  
Saurabh Sharma  
10-02-2022  
Reviewer

  
10-02-2022  
PremKumar  
[Authorized Signatory]

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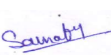


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|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
10-02-2022  
Reviewer

  
10-02-2022  
PremKumar  
[Authorized Signatory]

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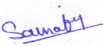
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|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                         |                                                            |
|-----------------------------------------|------------------------------------------------------------|
| <b>Test Report as per :</b>             | : EPA Act 1986/PCLS/2010                                   |
| <b>General Information :</b>            |                                                            |
| Date of Monitoring                      | : 11-02-2022                                               |
| Time of Monitoring                      | : 12:10 to 12:31 Hrs                                       |
| Name of the emission source monitored   | : Stack Emission of Boiler                                 |
| (a) Rated Capacity                      | : 660 MW                                                   |
| (b) Capacity on sampling day            | : 660 MW                                                   |
| (c) Type of fuel used & its consumption | : Coal & 404 Ton/ hrs                                      |
| (d) Normal operating schedule           | : 24 Hrs                                                   |
| 2. Stack Identification                 | : Stack attached to Boiler, Unit-II (At 65 meter's Height) |
| 3.Type of Stack/Duct                    | : Metal                                                    |
| 4.Stack Height from Ground Level(m)     | : 275                                                      |
| Diameter of the Stack(cm)               | : 700                                                      |
| (6) Sampling Duration(minutes)          | : 21                                                       |
| Purpose of Monitoring                   | : For Self Monitoring                                      |
| (8) Air Pollution control measure       | : ESP + FF + FGD + Low NOx Burner                          |
| (a) Status                              | : Working                                                  |
| (b) Recovery of Material                | : -                                                        |
| (9) Fugitive Emission,if any            | : Nil                                                      |
| <b>Observations :</b>                   |                                                            |

  
Saurabh Sharma  
16-02-2022  
Reviewer

  
16-02-2022  
PremKumar  
[Authorized Signatory]

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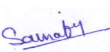
|                                            |            |
|--------------------------------------------|------------|
| Flue Gas Temperature, °C,Avg.              | : 54       |
| Flue Gas Velocity(m/s),Avg.                | : 27.83    |
| Volumetric Flow Rate(Nm <sup>3</sup> /hr.) | : 34334.06 |
| Ambient Air Temperature, °C                | : 10       |

| S.No. | Parameters                                                                                              | Method          | Specification | Result        |
|-------|---------------------------------------------------------------------------------------------------------|-----------------|---------------|---------------|
|       | <b>Discipline : Chemical</b>                                                                            |                 |               |               |
|       | <b>Group : Atmospheric Pollution</b>                                                                    |                 |               |               |
| 1.    | <b>General Parameters</b>                                                                               |                 |               |               |
| a.    | Particulate Matter, mg/Nm <sup>3</sup> (Corrected to 6% O <sub>2</sub> on dry basis)                    | IS:11255(P-1)   | Max. 50       | 30.23         |
| b.    | Sulphur Dioxide (SO <sub>2</sub> ), mg/Nm <sup>3</sup> (Corrected to 6% O <sub>2</sub> on dry basis)    | IS:11255(P-2)   | Max. 200      | 186.79        |
| c.    | Oxides of Nitrogen (NO <sub>x</sub> ), mg/Nm <sup>3</sup> (Corrected to 6% O <sub>2</sub> on dry basis) | IS:11255(P-7)   | Max. 450      | 170.93        |
| d.    | Mercury(As Hg),mg/Nm <sup>3</sup>                                                                       | USEPA Method    | Max. 0.03     | BLQ(LOQ:0.01) |
| e.    | Carbon Monoxide(CO),% v/v                                                                               | IS:13270        | Max. 1.0      | 0.2           |
| f.    | Moisture, % by mass                                                                                     | IS: 11255 (P-3) | Not Specified | 5.8           |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per EPA Act 1986/PCLS/2010, Sample collected by lab rep. on dated 11.02.2022, Sampling Procedure - SOP/ITC/EW/056

**REMARKS :**N/A

  
Saurabh Sharma  
16-02-2022  
Reviewer

  
16-02-2022  
PremKumar  
[Authorized Signatory]

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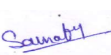
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\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
16-02-2022  
Reviewer

  
16-02-2022  
PremKumar  
[Authorized Signatory]

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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2202210941<br><b>Sample Reg. Date</b> :21-02-2022<br><b>Report Date</b> :25-02-2022<br><b>Report No.</b> :ICE-2202251333<br><b>NABL ULR No.</b> :TC592622000003110F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
| <b>Test Report as per :</b>                                                                                 | : EPA Act 1986/PCLS/2010                                                                                                                                                                                                                                                            |
| <b>General Information :</b>                                                                                |                                                                                                                                                                                                                                                                                     |
| Date of Monitoring                                                                                          | : 18-02-2022                                                                                                                                                                                                                                                                        |
| Time of Monitoring                                                                                          | : 11:40 to 12:01 hrs                                                                                                                                                                                                                                                                |
| Name of the emission source monitored                                                                       | : Stack Emission of Boiler                                                                                                                                                                                                                                                          |
| (a) Rated Capacity                                                                                          | : 660 MW                                                                                                                                                                                                                                                                            |
| (b) Capacity on sampling day                                                                                | : 660 MW                                                                                                                                                                                                                                                                            |
| (c) Type of fuel used & its consumption                                                                     | : Coal & 410 Ton/hrs                                                                                                                                                                                                                                                                |
| (d) Normal operating schedule                                                                               | : 24 hrs                                                                                                                                                                                                                                                                            |
| 2. Stack Identification                                                                                     | : Stack attached to Boiler, Unit-II (At 65 meter's Height)                                                                                                                                                                                                                          |
| 3.Type of Stack/Duct                                                                                        | : Metal                                                                                                                                                                                                                                                                             |
| 4.Stack Height from Ground Level(m)                                                                         | : 275                                                                                                                                                                                                                                                                               |
| Diameter of the Stack(cm)                                                                                   | : 700                                                                                                                                                                                                                                                                               |
| (6) Sampling Duration(minutes)                                                                              | : 21                                                                                                                                                                                                                                                                                |
| Purpose of Monitoring                                                                                       | : For Self Monitoring                                                                                                                                                                                                                                                               |
| (8) Air Pollution control measure                                                                           | : ESP + FF + FGD + Low Nox Burner                                                                                                                                                                                                                                                   |
| (a) Status                                                                                                  | : Working                                                                                                                                                                                                                                                                           |
| (b) Recovery of Material                                                                                    | : -                                                                                                                                                                                                                                                                                 |
| (9) Fugitive Emission,if any                                                                                | : Nil                                                                                                                                                                                                                                                                               |
| <b>Observations :</b>                                                                                       |                                                                                                                                                                                                                                                                                     |

*Saurabh Sharma*  
Saurabh Sharma  
25-02-2022  
Reviewer

*PremKumar*  
25-02-2022  
PremKumar  
[Authorized Signatory]

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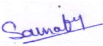
|                                            |           |
|--------------------------------------------|-----------|
| Flue Gas Temperature, °C,Avg.              | : 56      |
| Flue Gas Velocity(m/s),Avg.                | : 27.53   |
| Volumetric Flow Rate(Nm <sup>3</sup> /hr.) | : 3371204 |
| Ambient Air Temperature, °C                | : 19      |

| S.No. | Parameters                                                                                              | Method          | Specification | Result        |
|-------|---------------------------------------------------------------------------------------------------------|-----------------|---------------|---------------|
|       | <b>Discipline : Chemical</b>                                                                            |                 |               |               |
|       | <b>Group : Atmospheric Pollution</b>                                                                    |                 |               |               |
| 1.    | <b>General Parameters</b>                                                                               |                 |               |               |
| a.    | Particulate Matter, mg/Nm <sup>3</sup> (Corrected to 6% O <sub>2</sub> on dry basis)                    | IS:11255(P-1)   | Max. 50       | 31.30         |
| b.    | Sulphur Dioxide (SO <sub>2</sub> ), mg/Nm <sup>3</sup> (Corrected to 6% O <sub>2</sub> on dry basis)    | IS:11255(P-2)   | Max. 200      | 180.80        |
| c.    | Oxides of Nitrogen (NO <sub>x</sub> ), mg/Nm <sup>3</sup> (Corrected to 6% O <sub>2</sub> on dry basis) | IS:11255(P-7)   | Max. 450      | 211.76        |
| d.    | Mercury(As Hg),mg/Nm <sup>3</sup>                                                                       | USEPA Method    | Max. 0.03     | BLQ(LOQ:0.01) |
| e.    | Carbon Monoxide(CO),% v/v                                                                               | IS:13270        | Max. 1.0      | 0.2           |
| f.    | Moisture, % by mass                                                                                     | IS: 11255 (P-3) | Not Specified | 3.4           |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per EPA Act 1986/PCLS/2010, Sample collected by lab rep. on dated 18.02.2022, Sampling Procedure - SOP/ITC/EW/056

**REMARKS :**N/A

  
 Saurabh Sharma  
 25-02-2022  
 Reviewer

  
 25-02-2022  
 PremKumar  
 [Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
 86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
 Panchkula-134109 (Haryana)  
 Phone : (O) 0172-2561543, 2565825  
 Email : customersupport@itclabs.com  
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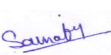
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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2202210941<br><b>Sample Reg. Date</b> :21-02-2022<br><b>Report Date</b> :25-02-2022<br><b>Report No.</b> :ICE-2202251333<br><b>NABL ULR No.</b> :TC592622000003110F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
25-02-2022  
Reviewer

  
25-02-2022  
PremKumar  
[Authorized Signatory]

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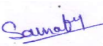


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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                         |                                                              |
|-----------------------------------------|--------------------------------------------------------------|
| <b>Test Report as per :</b>             | : EPA Act 1986/PCLS/2010                                     |
| <b>General Information :</b>            |                                                              |
| Date of Monitoring                      | : 25-02-2022                                                 |
| Time of Monitoring                      | : 11:20 to 11:44 hrs                                         |
| Name of the emission source monitored   | : Stack Emission of Boiler                                   |
| (a) Rated Capacity                      | : 660 MW                                                     |
| (b) Capacity on sampling day            | : 627 MW                                                     |
| (c) Type of fuel used & its consumption | : Coal & 350 Ton/hrs                                         |
| (d) Normal operating schedule           | : 24 hrs                                                     |
| 2. Stack Identification                 | : Stack attached to Boiler, Unit-1st (At 65 meter's Height ) |
| 3.Type of Stack/Duct                    | : Metal                                                      |
| 4.Stack Height from Ground Level(m)     | : 275                                                        |
| Diameter of the Stack(cm)               | : 700                                                        |
| (6) Sampling Duration(minutes)          | : 24                                                         |
| Purpose of Monitoring                   | : For Self Monitoring                                        |
| (8) Air Pollution control measure       | : ESP + FF + FGD + Low Nox Burner                            |
| (a) Status                              | : Working                                                    |
| (b) Recovery of Material                | : -                                                          |
| (9) Fugitive Emission,if any            | : Nil                                                        |
| <b>Observations :</b>                   |                                                              |

  
Saurabh Sharma  
05-03-2022  
Reviewer

  
05-03-2022  
PremKumar  
[Authorized Signatory]

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|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                            |              |
|--------------------------------------------|--------------|
| Flue Gas Temperature, °C,Avg.              | : 50         |
| Flue Gas Velocity(m/s),Avg.                | : 23.90      |
| Volumetric Flow Rate(Nm <sup>3</sup> /hr.) | : 2989091.60 |
| Ambient Air Temperature, °C                | : 24         |

| S.No. | Parameters                                                                                              | Method          | Specification | Result        |
|-------|---------------------------------------------------------------------------------------------------------|-----------------|---------------|---------------|
|       | <b>Discipline : Chemical</b>                                                                            |                 |               |               |
|       | <b>Group : Atmospheric Pollution</b>                                                                    |                 |               |               |
| 1.    | <b>General Parameters</b>                                                                               |                 |               |               |
| a.    | Particulate Matter, mg/Nm <sup>3</sup> (Corrected to 6% O <sub>2</sub> on dry basis)                    | IS:11255(P-1)   | Max. 50       | 31.02         |
| b.    | Sulphur Dioxide (SO <sub>2</sub> ), mg/Nm <sup>3</sup> (Corrected to 6% O <sub>2</sub> on dry basis)    | IS:11255(P-2)   | Max. 200      | 161.25        |
| c.    | Oxides of Nitrogen (NO <sub>x</sub> ), mg/Nm <sup>3</sup> (Corrected to 6% O <sub>2</sub> on dry basis) | IS:11255(P-7)   | Max. 450      | 264.16        |
| d.    | Mercury(As Hg),mg/Nm <sup>3</sup>                                                                       | USEPA Method    | Max. 0.03     | BLQ(LOQ:0.01) |
| e.    | Carbon Monoxide(CO),% v/v                                                                               | IS:13270        | Max. 1.0      | 0.2           |
| f.    | Moisture, % by mass                                                                                     | IS: 11255 (P-3) | Not Specified | 5.2           |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per EPA Act 1986/PCLS/2010.Sample collected by lab rep. on 25.02.2022, Sampling Procedure - SOP/ITC/EW/056

**REMARKS :**N/A

*Saurabh*  
Saurabh Sharma  
05-03-2022  
Reviewer

*PremKumar*  
05-03-2022  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
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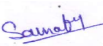
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|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
05-03-2022  
Reviewer

  
05-03-2022  
PremKumar  
[Authorized Signatory]

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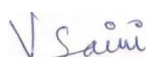
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|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                 |                               |
|---------------------------------|-------------------------------|
| <b>Test Report as per IS:NA</b> | <b>With Amendment No.(s):</b> |
|---------------------------------|-------------------------------|

### PART A : PARTICULARS OF SAMPLE SUBMITTED

|    |                                            |                                                                                      |
|----|--------------------------------------------|--------------------------------------------------------------------------------------|
| a) | Nature of Sample #                         | ETP Inlet Water                                                                      |
| b) | Sample Condition                           | Good                                                                                 |
| c) | Grade / Variety / Type / Class / Size etc. | NA                                                                                   |
| d) | Brand Name                                 | NA                                                                                   |
| e) | Declared Values,if any                     | NA                                                                                   |
| f) | Code No.                                   |  |
| g) | Batch Number #                             | NA                                                                                   |
| h) | D.O.M #                                    | NA                                                                                   |
| i) | Date of Expiry #                           | NA                                                                                   |
| j) | Sample Quantity #                          | 2 Ltr                                                                                |
| k) | Batch Size/Location #                      | NA                                                                                   |
| l) | Mode of Packing                            | Packed in bottles                                                                    |
| m) | Date of Receipt                            | 21-02-2022                                                                           |
| n) | Date of Start                              | 21-02-2022                                                                           |
| o) | Date of Completion                         | 04-03-2022                                                                           |
| p) | Seal (Intact/Not Intact/Unsealed)          | NA                                                                                   |
| q) | IO'S Signature (Signed/Unsigned)           | Unsigned                                                                             |
| r) | Any Other Information                      | Sample Collected by lab rep. on 18.02.2022                                           |

  
Vikrant  
04-03-2022  
Reviewer

  
05-03-2022  
PremKumar  
[Authorized Signatory]

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|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                 |                                           |
|---------------------------------|-------------------------------------------|
| s) Test Request Submitted By    | Jhajjar Power Limited-Jhajjar ( Haryana ) |
| t) Manufactured By <sup>#</sup> | NA                                        |
| u) Supplied By <sup>#</sup>     | NA                                        |

### PART B : SUPPLIMENTARY INFORMATIONS

|                                                                                                                                                                 |       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| a. Reference to sampling procedure, whenever applicable                                                                                                         | : N/A |
| b. Supporting documents for the measurement taken and results derived like graphs, tables, sketches and / or photographs as appropriate to test reports, if any | : N/A |
| c. Deviation from the test methods as prescribed in relevant ISS/WORK Instruments, if any                                                                       | : N/A |

| Description                                |                               |                                      |               |                 |
|--------------------------------------------|-------------------------------|--------------------------------------|---------------|-----------------|
| Description                                | ETP Water                     |                                      |               |                 |
| S.No.                                      | Parameters                    | Method                               | Specification | Result          |
| <b>Discipline : Chemical</b>               |                               |                                      |               |                 |
| <b>Group : Pollution &amp; Environment</b> |                               |                                      |               |                 |
| <b>1. General Parameters</b>               |                               |                                      |               |                 |
| a.                                         | Colour                        | IS:3025(Part4):1983(RA:2017)amd. no1 |               | Light Yellowish |
| b.                                         | Odour                         | IS:3025(Part 5):1983(RA:2017)        |               | Musty           |
| c.                                         | pH Value                      | IS:3025 (Part - 11):1983(RA:2017)    |               | 8.26            |
| d.                                         | Total Suspended Solids,(mg/l) | IS:3025(Part 17)                     |               | 130             |
| e.                                         | Total Dissolved Solids (mg/l) | IS:3025(Part 16):1984(RA.2006)       | -             | 662             |

*V Saini*  
Vikrant  
04-03-2022  
Reviewer

*PremKumar*  
05-03-2022  
PremKumar  
[Authorized Signatory]

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|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|    |                                                   |                                        |                |
|----|---------------------------------------------------|----------------------------------------|----------------|
| f. | Chemical Oxygen Demand(mg/l)                      | APHA-23rd Edition                      | 136            |
| g. | Bio-chemical Oxygen Demand, mg/l (3 days at 27°C) | IS:3025(P-44)                          | 46             |
| h. | Oil & Grease(mg/l)                                | IS:3025(P-39)                          | <4.0           |
| i. | Zinc(As Zn)(mg/l)                                 | IS: 3025 (P-2)                         | BLQ(LOQ:0.05)  |
| j. | Arsenic(as As)(mg/l)                              | IS: 3025 (P-2)                         | BLQ(LOQ:0.05)  |
| k. | Total Chromium as Cr (mg/l)                       | IS: 3025 (P-2)                         | BLQ(LOQ:0.05)  |
| l. | Cyanide as CN, (mg/l)                             | IS:3025(P-27)                          | Absent         |
| m. | Iron(as Fe)(mg/l)                                 | IS: 3025 (P-2)                         | BLQ(LOQ:0.05)  |
| n. | Temperature(°C)                                   | IS: 3025 (P-9)                         | 22.4           |
| o. | Free Residual Chlorine (mg/l)                     | IS:3025(Part 26):1986(RA:2014)amd no 1 | BLQ (LOQ:0.03) |
| p. | Phosphate as P (mg/l)                             | APHA-23rd Edition                      | BLQ (LOQ:0.1)  |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification. Sampling Procedure: SOP/ITC/EW/030.

**REMARKS :**N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

V Saini

Vikrant  
04-03-2022  
Reviewer

PremKumar

05-03-2022  
PremKumar  
[Authorized Signatory]

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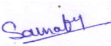
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|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                      |                               |
|------------------------------------------------------|-------------------------------|
| <b>Test Report as per IS:</b> EPA Act 1986/PCLS/2010 | <b>With Amendment No.(s):</b> |
|------------------------------------------------------|-------------------------------|

### PART A : PARTICULARS OF SAMPLE SUBMITTED

|    |                                            |                                                                                      |
|----|--------------------------------------------|--------------------------------------------------------------------------------------|
| a) | Nature of Sample #                         | ETP Outlet Water                                                                     |
| b) | Sample Condition                           | Good                                                                                 |
| c) | Grade / Variety / Type / Class / Size etc. | NA                                                                                   |
| d) | Brand Name                                 | NA                                                                                   |
| e) | Declared Values,if any                     | NA                                                                                   |
| f) | Code No.                                   |  |
| g) | Batch Number #                             | NA                                                                                   |
| h) | D.O.M #                                    | NA                                                                                   |
| i) | Date of Expiry #                           | NA                                                                                   |
| j) | Sample Quantity #                          | 7 Ltr                                                                                |
| k) | Batch Size/Location #                      | NA                                                                                   |
| l) | Mode of Packing                            | Packed in bottles                                                                    |
| m) | Date of Receipt                            | 21-02-2022                                                                           |
| n) | Date of Start                              | 21-02-2022                                                                           |
| o) | Date of Completion                         | 05-03-2022                                                                           |
| p) | Seal (Intact/Not Intact/Unsealed)          | NA                                                                                   |
| q) | IO'S Signature (Signed/Unsigned)           | Unsigned                                                                             |
| r) | Any Other Information                      | Sample collected by lab rep. on 18.02.2022                                           |

  
Saurabh Sharma  
05-03-2022  
Reviewer

  
05-03-2022  
PremKumar  
[Authorized Signatory]

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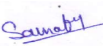
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|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2202210918<br><b>Sample Reg. Date</b> :21-02-2022<br><b>Report Date</b> :05-03-2022<br><b>Report No.</b> :ICE-2203050335<br><b>NABL ULR No.</b> :TC592622000003532F<br><b>Customer Ref. No.:</b> Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|    |                              |                                           |
|----|------------------------------|-------------------------------------------|
| s) | Test Request Submitted By    | Jhajjar Power Limited-Jhajjar ( Haryana ) |
| t) | Manufactured By <sup>#</sup> | NA                                        |
| u) | Supplied By <sup>#</sup>     | NA                                        |

### PART B : SUPPLEMENTARY INFORMATIONS

|    |                                                                                                                                                              |       |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| a. | Reference to sampling procedure, whenever applicable                                                                                                         | : N/A |
| b. | Supporting documents for the measurement taken and results derived like graphs, tables, sketches and / or photographs as appropriate to test reports, if any | : N/A |
| c. | Deviation from the test methods as prescribed in relevant ISS/WORK Instruments, if any                                                                       | : N/A |

| Description                                |                               |                                      |               |            |
|--------------------------------------------|-------------------------------|--------------------------------------|---------------|------------|
| Description                                |                               | ETP Outlet Water                     |               |            |
| S.No.                                      | Parameters                    | Method                               | Specification | Result     |
| <b>Discipline : Chemical</b>               |                               |                                      |               |            |
| <b>Group : Pollution &amp; Environment</b> |                               |                                      |               |            |
| <b>1. General Parameters</b>               |                               |                                      |               |            |
| a.                                         | Colour                        | IS:3025(Part4):1983(RA:2017)amd. no1 | Not Specified | Colourless |
| b.                                         | Odour                         | IS:3025(Part 5):1983(RA:2017)        | Not Specified | None       |
| c.                                         | pH Value                      | IS:3025 (Part - 11):1983(RA:2017)    | 5.5-9         | 8.31       |
| d.                                         | Total Suspended Solids,(mg/l) | IS:3025(Part 17)                     | Max. 100      | <1.0       |
| e.                                         | Total Dissolved Solids (mg/l) | IS:3025(Part 16):1984(RA.2006)       | Max. 2100--   | 1112       |

  
Saurabh Sharma  
05-03-2022  
Reviewer

  
05-03-2022  
PremKumar  
[Authorized Signatory]

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- Legal disputes are subjected to Panchkula Jurisdiction only.

## Test Report

Document QF : 2501

Page 3 of 3

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2202210918<br><b>Sample Reg. Date</b> :21-02-2022<br><b>Report Date</b> :05-03-2022<br><b>Report No.</b> :ICE-2203050335<br><b>NABL ULR No.</b> :TC592622000003532F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

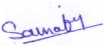
|    |                                                   |                   |                                                                             |                                                                     |
|----|---------------------------------------------------|-------------------|-----------------------------------------------------------------------------|---------------------------------------------------------------------|
| f. | Chemical Oxygen Demand(mg/l)                      | APHA-23rd Edition | Max. 250                                                                    | 12                                                                  |
| g. | Bio-chemical Oxygen Demand, mg/l (3 days at 27°C) | IS:3025(P-44)     | Max. 30                                                                     | 3                                                                   |
| h. | Oil & Grease(mg/l)                                | IS:3025(P-39)     | Max. 10                                                                     | <4.0                                                                |
| i. | Zinc(As Zn)(mg/l)                                 | IS: 3025 (P-2)    | Max. 5.0                                                                    | BLQ(LOQ:0.05)                                                       |
| j. | Arsenic(as As)(mg/l)                              | IS: 3025 (P-2)    | Max. 0.2                                                                    | BLQ(LOQ:0.05)                                                       |
| k. | Total Chromium as Cr (mg/l)                       | IS: 3025 (P-2)    | Max. 2.0                                                                    | BLQ(LOQ:0.05)                                                       |
| l. | Cyanide as CN, (mg/l)                             | IS:3025(P-27)     | Max. 0.2                                                                    | Absent                                                              |
| m. | Iron(as Fe)(mg/l)                                 | IS: 3025 (P-2)    | Max. 3.0                                                                    | BLQ(LOQ:0.05)                                                       |
| n. | Bio Assay Test                                    | IS:6582-1971      | Minimum 90 % survival of fish was observed after 96 hours in 100 % effluent | 90 % survival of fish was observed after 96 hours in 100 % effluent |
| o. | Temperature(°C)                                   | IS: 3025 (P-9)    |                                                                             | 22.6                                                                |
| p. | Free Residual Chlorine (mg/l)                     | IS:3025(P-26)     | Max. 1.0                                                                    | BLQ (LOQ:1.0)                                                       |
| q. | Phosphate as P (mg/l)                             | APHA-23rd Edition | Not Specified                                                               | BLQ (LOQ:0.1)                                                       |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per EPA Act 1986/PCLS/2010. Sampling Procedure: SOP/ITC/EW/030, Purpose - For Self Monitoring

**REMARKS :**N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
 Saurabh Sharma  
 05-03-2022  
 Reviewer

  
 05-03-2022  
 PremKumar  
 [Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
 86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
 Panchkula-134109 (Haryana)  
 Phone : (O) 0172-2561543, 2565825  
 Email : customersupport@itclabs.com  
 Visit us :www.itclabs.com

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## Test Report

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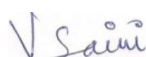
Page 1 of 3

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2202210924<br><b>Sample Reg. Date</b> :21-02-2022<br><b>Report Date</b> :04-03-2022<br><b>Report No.</b> :ICE-2203040198<br><b>NABL ULR No.</b> :TC592622000003534F<br><b>Customer Ref. No.:</b> Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                 |                               |
|---------------------------------|-------------------------------|
| <b>Test Report as per IS:NA</b> | <b>With Amendment No.(s):</b> |
|---------------------------------|-------------------------------|

### PART A : PARTICULARS OF SAMPLE SUBMITTED

|    |                                            |                                                                                      |
|----|--------------------------------------------|--------------------------------------------------------------------------------------|
| a) | Nature of Sample #                         | STP Inlet Water (Plant)                                                              |
| b) | Sample Condition                           | Good                                                                                 |
| c) | Grade / Variety / Type / Class / Size etc. | NA                                                                                   |
| d) | Brand Name                                 | NA                                                                                   |
| e) | Declared Values,if any                     | NA                                                                                   |
| f) | Code No.                                   |  |
| g) | Batch Number #                             | NA                                                                                   |
| h) | D.O.M #                                    | NA                                                                                   |
| i) | Date of Expiry #                           | NA                                                                                   |
| j) | Sample Quantity #                          | 2 Ltr                                                                                |
| k) | Batch Size/Location #                      | NA                                                                                   |
| l) | Mode of Packing                            | Packed in bottles                                                                    |
| m) | Date of Receipt                            | 21-02-2022                                                                           |
| n) | Date of Start                              | 21-02-2022                                                                           |
| o) | Date of Completion                         | 04-03-2022                                                                           |
| p) | Seal (Intact/Not Intact/Unsealed)          | NA                                                                                   |
| q) | IO'S Signature (Signed/Unsigned)           | Unsigned                                                                             |
| r) | Any Other Information                      | Sample Collected by lab rep. on 18.02.2022                                           |

  
Vikrant  
04-03-2022  
Reviewer

  
05-03-2022  
PremKumar  
[Authorized Signatory]

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2202210924<br><b>Sample Reg. Date</b> :21-02-2022<br><b>Report Date</b> :04-03-2022<br><b>Report No.</b> :ICE-2203040198<br><b>NABL ULR No.</b> :TC592622000003534F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|    |                              |                                           |
|----|------------------------------|-------------------------------------------|
| s) | Test Request Submitted By    | Jhajjar Power Limited-Jhajjar ( Haryana ) |
| t) | Manufactured By <sup>#</sup> | NA                                        |
| u) | Supplied By <sup>#</sup>     | NA                                        |

### PART B : SUPPLIMENTARY INFORMATIONS

|    |                                                                                                                                                              |       |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| a. | Reference to sampling procedure, whenever applicable                                                                                                         | : N/A |
| b. | Supporting documents for the measurement taken and results derived like graphs, tables, sketches and / or photographs as appropriate to test reports, if any | : N/A |
| c. | Deviation from the test methods as prescribed in relevant ISS/WORK Instruments, if any                                                                       | : N/A |

| Description                                |                               |                                      |               |            |
|--------------------------------------------|-------------------------------|--------------------------------------|---------------|------------|
| Description                                |                               | STP Inlet Water (Plant)              |               |            |
| S.No.                                      | Parameters                    | Method                               | Specification | Result     |
| <b>Discipline : Chemical</b>               |                               |                                      |               |            |
| <b>Group : Pollution &amp; Environment</b> |                               |                                      |               |            |
| <b>1. General Parameters</b>               |                               |                                      |               |            |
| a.                                         | Colour                        | IS:3025(Part4):1983(RA:2017)amd. no1 |               | Colourless |
| b.                                         | Odour                         | IS:3025(Part 5):1983(RA:2017)        |               | None       |
| c.                                         | pH Value                      | IS:3025 (Part - 11):1983(RA:2017)    |               | 7.06       |
| d.                                         | Total Suspended Solids,(mg/l) | IS:3025(Part 17)                     |               | 62         |
| e.                                         | Total Dissolved Solids (mg/l) | IS:3025(Part 16):1984(RA.2006)       | -             | 710        |

*V Saini*  
Vikrant  
04-03-2022  
Reviewer

*PremKumar*  
05-03-2022  
PremKumar  
[Authorized Signatory]

### Interstellar Testing Centre Pvt. Ltd.

86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
Panchkula-134109 (Haryana)  
Phone : (O) 0172-2561543, 2565825  
Email : customersupport@itclabs.com  
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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2202210924<br><b>Sample Reg. Date</b> :21-02-2022<br><b>Report Date</b> :04-03-2022<br><b>Report No.</b> :ICE-2203040198<br><b>NABL ULR No.</b> :TC592622000003534F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|    |                                                   |                                        |               |
|----|---------------------------------------------------|----------------------------------------|---------------|
| f. | Chemical Oxygen Demand(mg/l)                      | APHA-23rd Edition                      | 140           |
| g. | Bio-chemical Oxygen Demand, mg/l (3 days at 27°C) | IS:3025(P-44)                          | 40            |
| h. | Oil & Grease(mg/l)                                | IS:3025(P-39)                          | <4.0          |
| i. | Free Residual Chlorine (mg/l)                     | IS:3025(Part 26):1986(RA:2014)amd no 1 | BLQ (LOQ:1.0) |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification. Sampling Procedure: SOP/ITC/EW/030.

**REMARKS :**N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

*V Saini*  
Vikrant  
04-03-2022  
Reviewer

*PremKumar*  
05-03-2022  
PremKumar  
[Authorized Signatory]

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## Test Report

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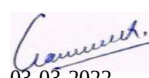
Page 1 of 3

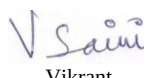
|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2202210925<br><b>Sample Reg. Date</b> :21-02-2022<br><b>Report Date</b> :04-03-2022<br><b>Report No.</b> :ICE-2203040199<br><b>NABL ULR No.</b> :TC592622000003537F<br><b>Customer Ref. No.:</b> Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                 |                               |
|---------------------------------|-------------------------------|
| <b>Test Report as per IS:NA</b> | <b>With Amendment No.(s):</b> |
|---------------------------------|-------------------------------|

### PART A : PARTICULARS OF SAMPLE SUBMITTED

|    |                                            |                                                                                      |
|----|--------------------------------------------|--------------------------------------------------------------------------------------|
| a) | Nature of Sample #                         | STP Inlet Water (Plant).                                                             |
| b) | Sample Condition                           | Good                                                                                 |
| c) | Grade / Variety / Type / Class / Size etc. | NA                                                                                   |
| d) | Brand Name                                 | NA                                                                                   |
| e) | Declared Values,if any                     | NA                                                                                   |
| f) | Code No.                                   |  |
| g) | Batch Number #                             | NA                                                                                   |
| h) | D.O.M #                                    | NA                                                                                   |
| i) | Date of Expiry #                           | NA                                                                                   |
| j) | Sample Quantity #                          | 1 Ltr                                                                                |
| k) | Batch Size/Location #                      | NA                                                                                   |
| l) | Mode of Packing                            | Packed in bottle                                                                     |
| m) | Date of Receipt                            | 21-02-2022                                                                           |
| n) | Date of Start                              | 21-02-2022                                                                           |
| o) | Date of Completion                         | 04-03-2022                                                                           |
| p) | Seal (Intact/Not Intact/Unsealed)          | NA                                                                                   |
| q) | IO'S Signature (Signed/Unsigned)           | Unsigned                                                                             |
| r) | Any Other Information                      | Sample Collected by lab rep. on 18.02.2022                                           |

  
03-03-2022  
Gaurav Khandelwal  
[Authorized Signatory]

  
Vikrant  
04-03-2022  
Reviewer

  
05-03-2022  
PremKumar  
[Authorized Signatory]

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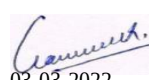
|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2202210925<br><b>Sample Reg. Date</b> :21-02-2022<br><b>Report Date</b> :04-03-2022<br><b>Report No.</b> :ICE-2203040199<br><b>NABL ULR No.</b> :TC592622000003537F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

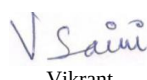
|    |                              |                                           |
|----|------------------------------|-------------------------------------------|
| s) | Test Request Submitted By    | Jhajjar Power Limited-Jhajjar ( Haryana ) |
| t) | Manufactured By <sup>#</sup> | NA                                        |
| u) | Supplied By <sup>#</sup>     | NA                                        |

### PART B : SUPPLEMENTARY INFORMATIONS

|    |                                                                                                                                                              |       |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| a. | Reference to sampling procedure, whenever applicable                                                                                                         | : N/A |
| b. | Supporting documents for the measurement taken and results derived like graphs, tables, sketches and / or photographs as appropriate to test reports, if any | : N/A |
| c. | Deviation from the test methods as prescribed in relevant ISS/WORK Instruments, if any                                                                       | : N/A |

| Description                                |                                     |                                                       |               |               |
|--------------------------------------------|-------------------------------------|-------------------------------------------------------|---------------|---------------|
| Description                                |                                     | Turbid Liquid with suspended and settleable particles |               |               |
| S.No.                                      | Parameters                          | Method                                                | Specification | Result        |
| <b>Discipline : Chemical</b>               |                                     |                                                       |               |               |
| <b>Group : Pollution &amp; Environment</b> |                                     |                                                       |               |               |
| <b>1. General Parameters</b>               |                                     |                                                       |               |               |
| a.                                         | Nitrate as NO <sub>3</sub> (mg/l)   | IS:3025(P-34)                                         |               | BLQ (LOQ:1.0) |
| b.                                         | Calcium(as Ca)(mg/l)                | IS:3025(P-40)                                         | -             | 37            |
| c.                                         | Magnesium as Mg(mg/l)               | IS:3025(Part-46)                                      | -             | 13            |
| d.                                         | Sodium(as Na)(mg/l)                 | IS:3025(P-45)                                         | -             | 28            |
| e.                                         | Potassium as K,(mg/l)               | IS:3025(P-45)                                         |               | 7.4           |
| f.                                         | Phosphate as PO <sub>4</sub> (mg/l) | APHA-23rd Edition                                     |               | BLQ (LOQ:0.1) |
| <b>Discipline : Biological</b>             |                                     |                                                       |               |               |
| <b>Group : Pollution &amp; Environment</b> |                                     |                                                       |               |               |

  
03-03-2022  
Gaurav Khandelwal  
[Authorized Signatory]

  
Vikrant  
04-03-2022  
Reviewer

  
05-03-2022  
PremKumar  
[Authorized Signatory]

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## Test Report

Document QF : 2501

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2202210925<br><b>Sample Reg. Date</b> :21-02-2022<br><b>Report Date</b> :04-03-2022<br><b>Report No.</b> :ICE-2203040199<br><b>NABL ULR No.</b> :TC592622000003537F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

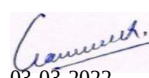
| 1. | Microbiological Tests         |                          |  |                       |
|----|-------------------------------|--------------------------|--|-----------------------|
| a. | Faecal Coliforms, (MPN/100ml) | APHA-23 rd Edn 17-9221 F |  | 1.8 x 10 <sup>4</sup> |
| b. | <i>E.coli</i> , (MPN/100ml)   | APHA-23 rd Edn 17-9221 F |  | 1.1 x 10 <sup>4</sup> |
| c. | Total Coliform (MPN/100ml)    | APHA-23 rd Edn 17-9221 F |  | 5.4 x 10 <sup>4</sup> |

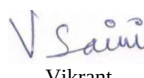
'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification. Sampling Procedure: SOP/ITC/EW/030.

**REMARKS :**N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
 03-03-2022  
 Gaurav Khandelwal  
 [Authorized Signatory]

  
 Vikrant  
 04-03-2022  
 Reviewer

  
 05-03-2022  
 PremKumar  
 [Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
 86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
 Panchkula-134109 (Haryana)  
 Phone : (O) 0172-2561543, 2565825  
 Email : customersupport@itclabs.com  
 Visit us :www.itclabs.com

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## Test Report

Document QF : 2501

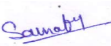
Page 1 of 3

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2202210926<br><b>Sample Reg. Date</b> :21-02-2022<br><b>Report Date</b> :05-03-2022<br><b>Report No.</b> :ICE-2203050339<br><b>NABL ULR No.</b> :TC592622000003538F<br><b>Customer Ref. No.:</b> Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                      |                               |
|------------------------------------------------------|-------------------------------|
| <b>Test Report as per IS:</b> EPA Act 1986/PCLS/2010 | <b>With Amendment No.(s):</b> |
|------------------------------------------------------|-------------------------------|

### PART A : PARTICULARS OF SAMPLE SUBMITTED

|    |                                            |                                                                                      |
|----|--------------------------------------------|--------------------------------------------------------------------------------------|
| a) | Nature of Sample #                         | STP Outlet Water (Plant)                                                             |
| b) | Sample Condition                           | Good                                                                                 |
| c) | Grade / Variety / Type / Class / Size etc. | NA                                                                                   |
| d) | Brand Name                                 | NA                                                                                   |
| e) | Declared Values,if any                     | NA                                                                                   |
| f) | Code No.                                   |  |
| g) | Batch Number #                             | NA                                                                                   |
| h) | D.O.M #                                    | NA                                                                                   |
| i) | Date of Expiry #                           | NA                                                                                   |
| j) | Sample Quantity #                          | 2 Ltr                                                                                |
| k) | Batch Size/Location #                      | NA                                                                                   |
| l) | Mode of Packing                            | Packed in bottles                                                                    |
| m) | Date of Receipt                            | 21-02-2022                                                                           |
| n) | Date of Start                              | 21-02-2022                                                                           |
| o) | Date of Completion                         | 05-03-2022                                                                           |
| p) | Seal (Intact/Not Intact/Unsealed)          | NA                                                                                   |
| q) | IO'S Signature (Signed/Unsigned)           | Unsigned                                                                             |
| r) | Any Other Information                      | Sample collected by lab rep. on 18.02.2022                                           |

  
Saurabh Sharma  
05-03-2022  
Reviewer

  
05-03-2022  
PremKumar  
[Authorized Signatory]

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## Test Report

Document QF : 2501

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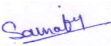
|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2202210926<br><b>Sample Reg. Date</b> :21-02-2022<br><b>Report Date</b> :05-03-2022<br><b>Report No.</b> :ICE-2203050339<br><b>NABL ULR No.</b> :TC592622000003538F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|    |                              |                                           |
|----|------------------------------|-------------------------------------------|
| s) | Test Request Submitted By    | Jhajjar Power Limited-Jhajjar ( Haryana ) |
| t) | Manufactured By <sup>#</sup> | NA                                        |
| u) | Supplied By <sup>#</sup>     | NA                                        |

### PART B : SUPPLEMENTARY INFORMATIONS

|    |                                                                                                                                                              |       |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| a. | Reference to sampling procedure, whenever applicable                                                                                                         | : N/A |
| b. | Supporting documents for the measurement taken and results derived like graphs, tables, sketches and / or photographs as appropriate to test reports, if any | : N/A |
| c. | Deviation from the test methods as prescribed in relevant ISS/WORK Instruments, if any                                                                       | : N/A |

| Description                                |                               |                                      |               |            |
|--------------------------------------------|-------------------------------|--------------------------------------|---------------|------------|
| Description                                |                               | STP Outlet Water (Plant)             |               |            |
| S.No.                                      | Parameters                    | Method                               | Specification | Result     |
| <b>Discipline : Chemical</b>               |                               |                                      |               |            |
| <b>Group : Pollution &amp; Environment</b> |                               |                                      |               |            |
| <b>1. General Parameters</b>               |                               |                                      |               |            |
| a.                                         | Colour                        | IS:3025(Part4):1983(RA:2017)amd. no1 | Not Specified | Colourless |
| b.                                         | Odour                         | IS:3025(Part 5):1983(RA:2017)        | Not Specified | None       |
| c.                                         | pH Value                      | IS:3025 (Part - 11):1983(RA:2017)    | 6.5-9         | 7.38       |
| d.                                         | Total Suspended Solids,(mg/l) | IS:3025(Part 17)                     | Max. 100      | 15         |
| e.                                         | Total Dissolved Solids (mg/l) | IS:3025(Part 16):1984(RA.2006)       | Not Specified | 628        |

  
Saurabh Sharma  
05-03-2022  
Reviewer

  
05-03-2022  
PremKumar  
[Authorized Signatory]

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## Test Report

Document QF : 2501

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2202210926<br><b>Sample Reg. Date</b> :21-02-2022<br><b>Report Date</b> :05-03-2022<br><b>Report No.</b> :ICE-2203050339<br><b>NABL ULR No.</b> :TC592622000003538F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

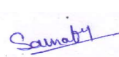
|    |                                                   |                   |               |                |
|----|---------------------------------------------------|-------------------|---------------|----------------|
| f. | Chemical Oxygen Demand(mg/l)                      | APHA-23rd Edition | Not Specified | 60             |
| g. | Bio-chemical Oxygen Demand, mg/l (3 days at 27°C) | IS:3025(P-44)     | Max. 30       | 19             |
| h. | Oil & Grease(mg/l)                                | IS:3025(P-39)     | Max. 10       | <4.0           |
| i. | Free Residual Chlorine (mg/l)                     | IS:3025(P-26)     | Max. 1.0      | BLQ (LOQ:0.03) |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per EPA Act 1986/PCLS/2010. Sampling Procedure: SOP/ITC/EW/030, Purpose - For Self Monitoring

**REMARKS :**N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
 Saurabh Sharma  
 05-03-2022  
 Reviewer

  
 05-03-2022  
 PremKumar  
 [Authorized Signatory]

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## Test Report

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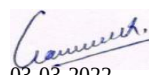
Page 1 of 3

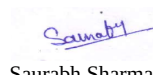
|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2202210927<br><b>Sample Reg. Date</b> :21-02-2022<br><b>Report Date</b> :05-03-2022<br><b>Report No.</b> :ICE-2203050340<br><b>NABL ULR No.</b> :TC592622000003553F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                      |                               |
|------------------------------------------------------|-------------------------------|
| <b>Test Report as per IS:</b> EPA Act 1986/PCLS/2010 | <b>With Amendment No.(s):</b> |
|------------------------------------------------------|-------------------------------|

### PART A : PARTICULARS OF SAMPLE SUBMITTED

|    |                                            |                                                                                      |
|----|--------------------------------------------|--------------------------------------------------------------------------------------|
| a) | Nature of Sample #                         | STP Outlet Water (Plant).                                                            |
| b) | Sample Condition                           | Good                                                                                 |
| c) | Grade / Variety / Type / Class / Size etc. | NA                                                                                   |
| d) | Brand Name                                 | NA                                                                                   |
| e) | Declared Values,if any                     | NA                                                                                   |
| f) | Code No.                                   |  |
| g) | Batch Number #                             | NA                                                                                   |
| h) | D.O.M #                                    | NA                                                                                   |
| i) | Date of Expiry #                           | NA                                                                                   |
| j) | Sample Quantity #                          | 1 Ltr                                                                                |
| k) | Batch Size/Location #                      | NA                                                                                   |
| l) | Mode of Packing                            | Packed in bottle                                                                     |
| m) | Date of Receipt                            | 21-02-2022                                                                           |
| n) | Date of Start                              | 21-02-2022                                                                           |
| o) | Date of Completion                         | 05-03-2022                                                                           |
| p) | Seal (Intact/Not Intact/Unsealed)          | NA                                                                                   |
| q) | IO'S Signature (Signed/Unsigned)           | Unsigned                                                                             |
| r) | Any Other Information                      | Sample collected by lab rep. on 18.02.2022                                           |

  
03-03-2022  
Gaurav Khandelwal  
[Authorized Signatory]

  
Saurabh Sharma  
05-03-2022  
Reviewer

  
05-03-2022  
PremKumar  
[Authorized Signatory]

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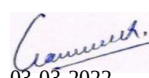
|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2202210927<br><b>Sample Reg. Date</b> :21-02-2022<br><b>Report Date</b> :05-03-2022<br><b>Report No.</b> :ICE-2203050340<br><b>NABL ULR No.</b> :TC592622000003553F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

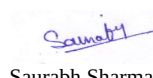
|    |                              |                                           |
|----|------------------------------|-------------------------------------------|
| s) | Test Request Submitted By    | Jhajjar Power Limited-Jhajjar ( Haryana ) |
| t) | Manufactured By <sup>#</sup> | NA                                        |
| u) | Supplied By <sup>#</sup>     | NA                                        |

### PART B : SUPPLEMENTARY INFORMATIONS

|    |                                                                                                                                                              |       |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| a. | Reference to sampling procedure, whenever applicable                                                                                                         | : N/A |
| b. | Supporting documents for the measurement taken and results derived like graphs, tables, sketches and / or photographs as appropriate to test reports, if any | : N/A |
| c. | Deviation from the test methods as prescribed in relevant ISS/WORK Instruments, if any                                                                       | : N/A |

| Description                                |                                      |                           |               |               |
|--------------------------------------------|--------------------------------------|---------------------------|---------------|---------------|
| Description                                |                                      | STP Outlet Water (Plant). |               |               |
| S.No.                                      | Parameters                           | Method                    | Specification | Result        |
| <b>Discipline : Chemical</b>               |                                      |                           |               |               |
| <b>Group : Pollution &amp; Environment</b> |                                      |                           |               |               |
| <b>1.</b>                                  | <b>General Parameters</b>            |                           |               |               |
| a.                                         | Nitrate as NO <sub>3</sub> (mg/l)    | IS 3025 (Part 34)         | Max. 10       | BLQ (LOQ:1.0) |
| b.                                         | Calcium(as Ca)(mg/l)                 | IS:3025(P-40)             | Not Specified | 33            |
| c.                                         | Magnesium as Mg(mg/l)                | IS: 3025 (P-46)           | Not Specified | 10            |
| d.                                         | Sodium(as Na)(mg/l)                  | IS:3025(P-45)             | Not Specified | 24.2          |
| e.                                         | Potassium as K,(mg/l)                | IS:3025(P-45)             | Not Specified | 7.1           |
| f.                                         | Phosphate(as PO <sub>4</sub> ), mg/L | APHA-23rd Edition         | Max. 5.0      | BLQ (LOQ:0.1) |
| <b>Discipline : Biological</b>             |                                      |                           |               |               |
| <b>Group : Pollution &amp; Environment</b> |                                      |                           |               |               |

  
03-03-2022  
Gaurav Khandelwal  
[Authorized Signatory]

  
Saurabh Sharma  
05-03-2022  
Reviewer

  
05-03-2022  
PremKumar  
[Authorized Signatory]

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## Test Report

Document QF : 2501

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2202210927<br><b>Sample Reg. Date</b> :21-02-2022<br><b>Report Date</b> :05-03-2022<br><b>Report No.</b> :ICE-2203050340<br><b>NABL ULR No.</b> :TC592622000003553F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

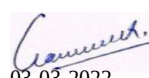
| 1. | Microbiological Tests      |                          |               |      |
|----|----------------------------|--------------------------|---------------|------|
| a. | Faecal Coliform, MPN/100ml | APHA-23 rd Edn 17-9221 F | Max. 1000     | <1.8 |
| b. | E.coli, (MPN/100ml)        | APHA 23rd Edn 17-9221 E  | Not Specified | <1.8 |
| c. | Total Coliform (MPN/100ml) | APHA-23 rd Edn 17-9221 F | Not Specified | 79   |

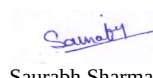
'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per EPA Act 1986/PCLS/2010. Sampling Procedure: SOP/ITC/EW/030, Purpose - For Self Monitoring

**REMARKS :**N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
 03-03-2022  
 Gaurav Khandelwal  
 [Authorized Signatory]

  
 Saurabh Sharma  
 05-03-2022  
 Reviewer

  
 05-03-2022  
 PremKumar  
 [Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
 86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
 Panchkula-134109 (Haryana)  
 Phone : (O) 0172-2561543, 2565825  
 Email : customersupport@itclabs.com  
 Visit us :www.itclabs.com

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## Test Report

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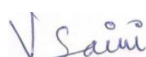
Page 1 of 3

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2202210920<br><b>Sample Reg. Date</b> :21-02-2022<br><b>Report Date</b> :04-03-2022<br><b>Report No.</b> :ICE-2203040196<br><b>NABL ULR No.</b> :TC592622000003540F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                 |                               |
|---------------------------------|-------------------------------|
| <b>Test Report as per IS:NA</b> | <b>With Amendment No.(s):</b> |
|---------------------------------|-------------------------------|

### PART A : PARTICULARS OF SAMPLE SUBMITTED

|    |                                            |                                                                                      |
|----|--------------------------------------------|--------------------------------------------------------------------------------------|
| a) | Nature of Sample #                         | STP Inlet Water (Township)                                                           |
| b) | Sample Condition                           | Good                                                                                 |
| c) | Grade / Variety / Type / Class / Size etc. | NA                                                                                   |
| d) | Brand Name                                 | NA                                                                                   |
| e) | Declared Values,if any                     | NA                                                                                   |
| f) | Code No.                                   |  |
| g) | Batch Number #                             | NA                                                                                   |
| h) | D.O.M #                                    | NA                                                                                   |
| i) | Date of Expiry #                           | NA                                                                                   |
| j) | Sample Quantity #                          | 2 Ltr                                                                                |
| k) | Batch Size/Location #                      | NA                                                                                   |
| l) | Mode of Packing                            | Packed in bottles                                                                    |
| m) | Date of Receipt                            | 21-02-2022                                                                           |
| n) | Date of Start                              | 21-02-2022                                                                           |
| o) | Date of Completion                         | 04-03-2022                                                                           |
| p) | Seal (Intact/Not Intact/Unsealed)          | NA                                                                                   |
| q) | IO'S Signature (Signed/Unsigned)           | Unsigned                                                                             |
| r) | Any Other Information                      | Sample Collected by lab rep. on 18.02.2022                                           |

  
 Vikrant  
 04-03-2022  
 Reviewer

  
 05-03-2022  
 PremKumar  
 [Authorized Signatory]

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## Test Report

Document QF : 2501

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2202210920<br><b>Sample Reg. Date</b> :21-02-2022<br><b>Report Date</b> :04-03-2022<br><b>Report No.</b> :ICE-2203040196<br><b>NABL ULR No.</b> :TC592622000003540F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|    |                              |                                           |
|----|------------------------------|-------------------------------------------|
| s) | Test Request Submitted By    | Jhajjar Power Limited-Jhajjar ( Haryana ) |
| t) | Manufactured By <sup>#</sup> | NA                                        |
| u) | Supplied By <sup>#</sup>     | NA                                        |

### PART B : SUPPLEMENTARY INFORMATIONS

|    |                                                                                                                                                              |       |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| a. | Reference to sampling procedure, whenever applicable                                                                                                         | : N/A |
| b. | Supporting documents for the measurement taken and results derived like graphs, tables, sketches and / or photographs as appropriate to test reports, if any | : N/A |
| c. | Deviation from the test methods as prescribed in relevant ISS/WORK Instruments, if any                                                                       | : N/A |

| Description                                |                               |                                      |               |               |
|--------------------------------------------|-------------------------------|--------------------------------------|---------------|---------------|
| Description                                |                               | STP Inlet Water (Township)           |               |               |
| S.No.                                      | Parameters                    | Method                               | Specification | Result        |
| <b>Discipline : Chemical</b>               |                               |                                      |               |               |
| <b>Group : Pollution &amp; Environment</b> |                               |                                      |               |               |
| <b>1. General Parameters</b>               |                               |                                      |               |               |
| a.                                         | Colour                        | IS:3025(Part4):1983(RA:2017)amd. no1 |               | Light Greyish |
| b.                                         | Odour                         | IS:3025(Part 5):1983(RA:2017)        |               | Mild          |
| c.                                         | pH Value                      | IS:3025 (Part - 11):1983(RA:2017)    |               | 7.29          |
| d.                                         | Total Suspended Solids,(mg/l) | IS:3025(Part 17)                     |               | 86            |
| e.                                         | Total Dissolved Solids (mg/l) | IS:3025(Part 16):1984(RA.2006)       | -             | 1368          |

*V Saini*  
Vikrant  
04-03-2022  
Reviewer

*PremKumar*  
05-03-2022  
PremKumar  
[Authorized Signatory]

### Disclaimer :

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## Test Report

Document QF : 2501

Page 3 of 3

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2202210920<br><b>Sample Reg. Date</b> :21-02-2022<br><b>Report Date</b> :04-03-2022<br><b>Report No.</b> :ICE-2203040196<br><b>NABL ULR No.</b> :TC592622000003540F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|    |                                                   |                                        |                |
|----|---------------------------------------------------|----------------------------------------|----------------|
| f. | Chemical Oxygen Demand(mg/l)                      | APHA-23rd Edition                      | 120            |
| g. | Bio-chemical Oxygen Demand, mg/l (3 days at 27°C) | IS:3025(P-44)                          | 35             |
| h. | Oil & Grease(mg/l)                                | IS:3025(P-39)                          | 5.2            |
| i. | Free Residual Chlorine (mg/l)                     | IS:3025(Part 26):1986(RA:2014)amd no 1 | BLQ (LOQ:0.03) |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable. Sampling Procedure: SOP/ITC/EW/030.

**REMARKS :**N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

V Saini  
Vikrant  
04-03-2022  
Reviewer

PremKumar  
05-03-2022  
[Authorized Signatory]

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## Test Report

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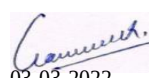
Page 1 of 3

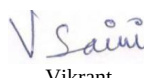
|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2202210921<br><b>Sample Reg. Date</b> :21-02-2022<br><b>Report Date</b> :04-03-2022<br><b>Report No.</b> :ICE-2203040197<br><b>NABL ULR No.</b> :TC592622000003536F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                 |                               |
|---------------------------------|-------------------------------|
| <b>Test Report as per IS:NA</b> | <b>With Amendment No.(s):</b> |
|---------------------------------|-------------------------------|

### PART A : PARTICULARS OF SAMPLE SUBMITTED

|    |                                            |                                                                                      |
|----|--------------------------------------------|--------------------------------------------------------------------------------------|
| a) | Nature of Sample #                         | STP Inlet Water (Township).                                                          |
| b) | Sample Condition                           | Good                                                                                 |
| c) | Grade / Variety / Type / Class / Size etc. | NA                                                                                   |
| d) | Brand Name                                 | NA                                                                                   |
| e) | Declared Values,if any                     | NA                                                                                   |
| f) | Code No.                                   |  |
| g) | Batch Number #                             | NA                                                                                   |
| h) | D.O.M #                                    | NA                                                                                   |
| i) | Date of Expiry #                           | NA                                                                                   |
| j) | Sample Quantity #                          | 1 Ltr                                                                                |
| k) | Batch Size/Location #                      | NA                                                                                   |
| l) | Mode of Packing                            | Packed in bottle                                                                     |
| m) | Date of Receipt                            | 21-02-2022                                                                           |
| n) | Date of Start                              | 21-02-2022                                                                           |
| o) | Date of Completion                         | 04-03-2022                                                                           |
| p) | Seal (Intact/Not Intact/Unsealed)          | NA                                                                                   |
| q) | IO'S Signature (Signed/Unsigned)           | Unsigned                                                                             |
| r) | Any Other Information                      | Sample Collected by lab rep. on 18.02.2022                                           |

  
03-03-2022  
Gaurav Khandelwal  
[Authorized Signatory]

  
Vikrant  
04-03-2022  
Reviewer

  
05-03-2022  
PremKumar  
[Authorized Signatory]

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## Test Report

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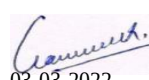
|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2202210921<br><b>Sample Reg. Date</b> :21-02-2022<br><b>Report Date</b> :04-03-2022<br><b>Report No.</b> :ICE-2203040197<br><b>NABL ULR No.</b> :TC592622000003536F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

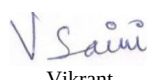
|    |                              |                                           |
|----|------------------------------|-------------------------------------------|
| s) | Test Request Submitted By    | Jhajjar Power Limited-Jhajjar ( Haryana ) |
| t) | Manufactured By <sup>#</sup> | NA                                        |
| u) | Supplied By <sup>#</sup>     | NA                                        |

### PART B : SUPPLEMENTARY INFORMATIONS

|    |                                                                                                                                                              |       |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| a. | Reference to sampling procedure, whenever applicable                                                                                                         | : N/A |
| b. | Supporting documents for the measurement taken and results derived like graphs, tables, sketches and / or photographs as appropriate to test reports, if any | : N/A |
| c. | Deviation from the test methods as prescribed in relevant ISS/WORK Instruments, if any                                                                       | : N/A |

| Description                                |                                     |                                                  |               |               |
|--------------------------------------------|-------------------------------------|--------------------------------------------------|---------------|---------------|
| Description                                |                                     | Turbid liquid suspended and settleable particles |               |               |
| S.No.                                      | Parameters                          | Method                                           | Specification | Result        |
| <b>Discipline : Chemical</b>               |                                     |                                                  |               |               |
| <b>Group : Pollution &amp; Environment</b> |                                     |                                                  |               |               |
| <b>1. General Parameters</b>               |                                     |                                                  |               |               |
| a.                                         | Nitrate as NO <sub>3</sub> (mg/l)   | IS:3025(P-34)                                    |               | BLQ (LOQ:1.0) |
| b.                                         | Calcium(as Ca)(mg/l)                | IS:3025(P-40)                                    | -             | 51            |
| c.                                         | Magnesium as Mg(mg/l)               | IS:3025(Part-46)                                 | -             | 27            |
| d.                                         | Sodium(as Na)(mg/l)                 | IS:3025(P-45)                                    | -             | 91            |
| e.                                         | Potassium as K,(mg/l)               | IS:3025(P-45)                                    |               | 14.2          |
| f.                                         | Phosphate as PO <sub>4</sub> (mg/l) | APHA-23rd Edition                                |               | 2.7           |
| <b>Discipline : Biological</b>             |                                     |                                                  |               |               |
| <b>Group : Pollution &amp; Environment</b> |                                     |                                                  |               |               |

  
03-03-2022  
Gaurav Khandelwal  
[Authorized Signatory]

  
Vikrant  
04-03-2022  
Reviewer

  
05-03-2022  
PremKumar  
[Authorized Signatory]

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## Test Report

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2202210921<br><b>Sample Reg. Date</b> :21-02-2022<br><b>Report Date</b> :04-03-2022<br><b>Report No.</b> :ICE-2203040197<br><b>NABL ULR No.</b> :TC592622000003536F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

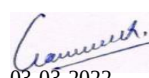
| 1. | Microbiological Tests         |                          |  |                       |
|----|-------------------------------|--------------------------|--|-----------------------|
| a. | Faecal Coliforms, (MPN/100ml) | APHA-23 rd Edn 17-9221 F |  | 1.2 x 10 <sup>4</sup> |
| b. | <i>E.coli</i> , (MPN/100ml)   | APHA-23 rd Edn 17-9221 F |  | 1.4 x 10 <sup>4</sup> |
| c. | Total Coliform (MPN/100ml)    | APHA-23 rd Edn 17-9221 F |  | 2.7 x 10 <sup>4</sup> |

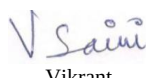
'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification. Sampling Procedure: SOP/ITC/EW/030.

**REMARKS :** N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
 03-03-2022  
 Gaurav Khandelwal  
 [Authorized Signatory]

  
 Vikrant  
 04-03-2022  
 Reviewer

  
 05-03-2022  
 PremKumar  
 [Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
 86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
 Panchkula-134109 (Haryana)  
 Phone : (O) 0172-2561543, 2565825  
 Email : customersupport@itclabs.com  
 Visit us : www.itclabs.com

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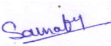
Page 1 of 3

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2202210922<br><b>Sample Reg. Date</b> :21-02-2022<br><b>Report Date</b> :05-03-2022<br><b>Report No.</b> :ICE-2203050337<br><b>NABL ULR No.</b> :TC592622000003539F<br><b>Customer Ref. No.:</b> Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                      |                               |
|------------------------------------------------------|-------------------------------|
| <b>Test Report as per IS:</b> EPA Act 1986/PCLS/2010 | <b>With Amendment No.(s):</b> |
|------------------------------------------------------|-------------------------------|

### PART A : PARTICULARS OF SAMPLE SUBMITTED

|    |                                            |                                                                                      |
|----|--------------------------------------------|--------------------------------------------------------------------------------------|
| a) | Nature of Sample #                         | STP Outlet Water (Township)                                                          |
| b) | Sample Condition                           | Good                                                                                 |
| c) | Grade / Variety / Type / Class / Size etc. | NA                                                                                   |
| d) | Brand Name                                 | NA                                                                                   |
| e) | Declared Values,if any                     | NA                                                                                   |
| f) | Code No.                                   |  |
| g) | Batch Number #                             | NA                                                                                   |
| h) | D.O.M #                                    | NA                                                                                   |
| i) | Date of Expiry #                           | NA                                                                                   |
| j) | Sample Quantity #                          | 2 Ltr                                                                                |
| k) | Batch Size/Location #                      | NA                                                                                   |
| l) | Mode of Packing                            | Packed in bottles                                                                    |
| m) | Date of Receipt                            | 21-02-2022                                                                           |
| n) | Date of Start                              | 21-02-2022                                                                           |
| o) | Date of Completion                         | 05-03-2022                                                                           |
| p) | Seal (Intact/Not Intact/Unsealed)          | NA                                                                                   |
| q) | IO'S Signature (Signed/Unsigned)           | Unsigned                                                                             |
| r) | Any Other Information                      | Sample collected by lab rep. on 18.02.2022                                           |

  
Saurabh Sharma  
05-03-2022  
Reviewer

  
05-03-2022  
PremKumar  
[Authorized Signatory]

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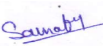
|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2202210922<br><b>Sample Reg. Date</b> :21-02-2022<br><b>Report Date</b> :05-03-2022<br><b>Report No.</b> :ICE-2203050337<br><b>NABL ULR No.</b> :TC592622000003539F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|    |                              |                                           |
|----|------------------------------|-------------------------------------------|
| s) | Test Request Submitted By    | Jhajjar Power Limited-Jhajjar ( Haryana ) |
| t) | Manufactured By <sup>#</sup> | NA                                        |
| u) | Supplied By <sup>#</sup>     | NA                                        |

### PART B : SUPPLEMENTARY INFORMATIONS

|    |                                                                                                                                                              |       |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| a. | Reference to sampling procedure, whenever applicable                                                                                                         | : N/A |
| b. | Supporting documents for the measurement taken and results derived like graphs, tables, sketches and / or photographs as appropriate to test reports, if any | : N/A |
| c. | Deviation from the test methods as prescribed in relevant ISS/WORK Instruments, if any                                                                       | : N/A |

| Description                                |                               |                                      |               |            |
|--------------------------------------------|-------------------------------|--------------------------------------|---------------|------------|
| Description                                |                               | STP Outlet Water (Township)          |               |            |
| S.No.                                      | Parameters                    | Method                               | Specification | Result     |
| <b>Discipline : Chemical</b>               |                               |                                      |               |            |
| <b>Group : Pollution &amp; Environment</b> |                               |                                      |               |            |
| <b>1. General Parameters</b>               |                               |                                      |               |            |
| a.                                         | Colour                        | IS:3025(Part4):1983(RA:2017)amd. no1 | Not Specified | Colourless |
| b.                                         | Odour                         | IS:3025(Part 5):1983(RA:2017)        | Not Specified | None       |
| c.                                         | pH Value                      | IS:3025 (Part - 11):1983(RA:2017)    | 6.5-9         | 7.28       |
| d.                                         | Total Suspended Solids,(mg/l) | IS:3025(Part 17)                     | Max. 100      | 26         |
| e.                                         | Total Dissolved Solids (mg/l) | IS:3025(Part 16):1984(RA.2006)       | Not Specified | 1298       |

  
Saurabh Sharma  
05-03-2022  
Reviewer

  
05-03-2022  
PremKumar  
[Authorized Signatory]

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2202210922<br><b>Sample Reg. Date</b> :21-02-2022<br><b>Report Date</b> :05-03-2022<br><b>Report No.</b> :ICE-2203050337<br><b>NABL ULR No.</b> :TC592622000003539F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
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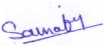
|    |                                                   |                   |               |                |
|----|---------------------------------------------------|-------------------|---------------|----------------|
| f. | Chemical Oxygen Demand(mg/l)                      | APHA-23rd Edition | Not Specified | 80             |
| g. | Bio-chemical Oxygen Demand, mg/l (3 days at 27°C) | IS:3025(P-44)     | Max. 30       | 22             |
| h. | Oil & Grease(mg/l)                                | IS:3025(P-39)     | Max. 10       | <4.0           |
| i. | Free Residual Chlorine (mg/l)                     | IS:3025(P-26)     | Max. 1.0      | BLQ (LOQ:0.03) |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per EPA Act 1986/PCLS/2010. Sampling Procedure: SOP/ITC/EW/030, Purpose - For Self Monitoring

**REMARKS :**N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
05-03-2022  
Reviewer

  
05-03-2022  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
Panchkula-134109 (Haryana)  
Phone : (O) 0172-2561543, 2565825  
Email : customersupport@itclabs.com  
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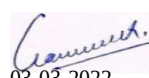
Page 1 of 3

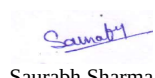
|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2202210923<br><b>Sample Reg. Date</b> :21-02-2022<br><b>Report Date</b> :05-03-2022<br><b>Report No.</b> :ICE-2203050338<br><b>NABL ULR No.</b> :TC592622000003535F<br><b>Customer Ref. No.:</b> Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                      |                               |
|------------------------------------------------------|-------------------------------|
| <b>Test Report as per IS:</b> EPA Act 1986/PCLS/2010 | <b>With Amendment No.(s):</b> |
|------------------------------------------------------|-------------------------------|

### PART A : PARTICULARS OF SAMPLE SUBMITTED

|    |                                            |                                                                                      |
|----|--------------------------------------------|--------------------------------------------------------------------------------------|
| a) | Nature of Sample #                         | STP Outlet Water (Township).                                                         |
| b) | Sample Condition                           | Good                                                                                 |
| c) | Grade / Variety / Type / Class / Size etc. | NA                                                                                   |
| d) | Brand Name                                 | NA                                                                                   |
| e) | Declared Values,if any                     | NA                                                                                   |
| f) | Code No.                                   |  |
| g) | Batch Number #                             | NA                                                                                   |
| h) | D.O.M #                                    | NA                                                                                   |
| i) | Date of Expiry #                           | NA                                                                                   |
| j) | Sample Quantity #                          | 1 Ltr                                                                                |
| k) | Batch Size/Location #                      | NA                                                                                   |
| l) | Mode of Packing                            | Packed in bottle                                                                     |
| m) | Date of Receipt                            | 21-02-2022                                                                           |
| n) | Date of Start                              | 21-02-2022                                                                           |
| o) | Date of Completion                         | 05-03-2022                                                                           |
| p) | Seal (Intact/Not Intact/Unsealed)          | NA                                                                                   |
| q) | IO'S Signature (Signed/Unsigned)           | Unsigned                                                                             |
| r) | Any Other Information                      | Sample collected by lab rep. on 18.02.2022                                           |

  
 03-03-2022  
 Gaurav Khandelwal  
 [Authorized Signatory]

  
 Saurabh Sharma  
 05-03-2022  
 Reviewer

  
 05-03-2022  
 PremKumar  
 [Authorized Signatory]

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## Test Report

Document QF : 2501

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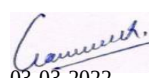
|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2202210923<br><b>Sample Reg. Date</b> :21-02-2022<br><b>Report Date</b> :05-03-2022<br><b>Report No.</b> :ICE-2203050338<br><b>NABL ULR No.</b> :TC592622000003535F<br><b>Customer Ref. No.:</b> Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

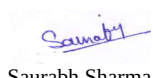
|    |                              |                                           |
|----|------------------------------|-------------------------------------------|
| s) | Test Request Submitted By    | Jhajjar Power Limited-Jhajjar ( Haryana ) |
| t) | Manufactured By <sup>#</sup> | NA                                        |
| u) | Supplied By <sup>#</sup>     | NA                                        |

### PART B : SUPPLEMENTARY INFORMATIONS

|    |                                                                                                                                                              |       |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| a. | Reference to sampling procedure, whenever applicable                                                                                                         | : N/A |
| b. | Supporting documents for the measurement taken and results derived like graphs, tables, sketches and / or photographs as appropriate to test reports, if any | : N/A |
| c. | Deviation from the test methods as prescribed in relevant ISS/WORK Instruments, if any                                                                       | : N/A |

| Description                                |                                      |                              |               |              |
|--------------------------------------------|--------------------------------------|------------------------------|---------------|--------------|
| Description                                |                                      | STP Outlet Water (Township). |               |              |
| S.No.                                      | Parameters                           | Method                       | Specification | Result       |
| <b>Discipline : Chemical</b>               |                                      |                              |               |              |
| <b>Group : Pollution &amp; Environment</b> |                                      |                              |               |              |
| <b>1.</b>                                  | <b>General Parameters</b>            |                              |               |              |
| a.                                         | Nitrate as NO <sub>3</sub> (mg/l)    | IS 3025 (Part 34)            | Max. 10       | BLQ(LOQ:1.0) |
| b.                                         | Calcium(as Ca)(mg/l)                 | IS:3025(P-40)                | Not Specified | 112          |
| c.                                         | Magnesium as Mg(mg/l)                | IS: 3025 (P-46)              | Not Specified | 32           |
| d.                                         | Sodium(as Na)(mg/l)                  | IS:3025(P-45)                | Not Specified | 68           |
| e.                                         | Potassium as K,(mg/l)                | IS:3025(P-45)                | Not Specified | 10.8         |
| f.                                         | Phosphate(as PO <sub>4</sub> ), mg/L | APHA-23rd Edition            | Max. 5.0      | BLQ(LOQ:0.1) |
| <b>Discipline : Biological</b>             |                                      |                              |               |              |
| <b>Group : Pollution &amp; Environment</b> |                                      |                              |               |              |

  
03-03-2022  
Gaurav Khandelwal  
[Authorized Signatory]

  
Saurabh Sharma  
05-03-2022  
Reviewer

  
05-03-2022  
PremKumar  
[Authorized Signatory]

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

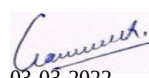
| 1. | Microbiological Tests      |                          |               |      |
|----|----------------------------|--------------------------|---------------|------|
| a. | Faecal Coliform, MPN/100ml | APHA-23 rd Edn 17-9221 F | Max. 1000     | <1.8 |
| b. | E.coli, (MPN/100ml)        | APHA 23rd Edn 17-9221 E  | Not Specified | <1.8 |
| c. | Total Coliform (MPN/100ml) | APHA-23 rd Edn 17-9221 F | Not Specified | 70   |

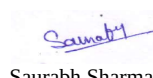
'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per EPA Act 1986/PCLS/2010. Sampling Procedure: SOP/ITC/EW/030, Purpose - For Self Monitoring

**REMARKS :**N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
03-03-2022  
Gaurav Khandelwal  
[Authorized Signatory]

  
Saurabh Sharma  
05-03-2022  
Reviewer

  
05-03-2022  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
Panchkula-134109 (Haryana)  
Phone : (O) 0172-2561543, 2565825  
Email : customersupport@itclabs.com  
Visit us :www.itclabs.com

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## Test Report

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Page 1 of 2

|                                                                                                             |                                                                                                                                                                                                                                                                                            |
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> : E01-2202210942<br><b>Sample Reg. Date</b> : 21-02-2022<br><b>Report Date</b> : 24-02-2022<br><b>Report No.</b> : ICE-2202241244<br><b>NABL ULR No.</b> : TC592622000003045F<br><b>Customer Ref. No.</b> : Order No.5030010814<br><b>Letter Dated</b> : 29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                              |                          |
|------------------------------|--------------------------|
| <b>Test Report as per :</b>  | : EPA Act 1986/PCLS/2010 |
| <b>General Information :</b> |                          |
| Name of Sample               | : Ambient Noise          |
| Date of Monitoring           | : 18-02-2022             |
| Time of Monitoring           | : 10:00 hrs              |
| Nature of Industry           | : Thermal Power Plant    |
| Purpose of Monitoring        | : For Self Monitoring    |

|                    |                                         |                            |               |        |
|--------------------|-----------------------------------------|----------------------------|---------------|--------|
| <b>Description</b> |                                         |                            |               |        |
| Description        |                                         | Noise Monitoring           |               |        |
| S.No.              | Parameters                              | Method                     | Specification | Result |
|                    | <b>Discipline : Chemical</b>            |                            |               |        |
|                    | <b>Group : Atmospheric Pollution</b>    |                            |               |        |
| 1.                 | <b>Location Name</b>                    |                            |               |        |
| a.                 | Near Gate No.1 (Day Time), Leq dB (A)   | IS: 9989 (Reaffirmed 2014) | Max. 75.0     | 55.1   |
| b.                 | Near Gate No.1 (Night Time), Leq dB (A) | IS: 9989 (Reaffirmed 2014) | Max. 70.0     | 50.1   |
| c.                 | Near Gate No.2 (Day Time), Leq dB (A)   | IS: 9989 (Reaffirmed 2014) | Max. 75.0     | 55.0   |
| d.                 | Near Gate No.2 (Night Time), Leq dB (A) | IS: 9989 (Reaffirmed 2014) | Max. 70.0     | 51.0   |
| e.                 | Near Gate No.3 (Day Time), Leq dB (A)   | IS: 9989 (Reaffirmed 2014) | Max. 75.0     | 52.7   |

Saurabh Sharma  
24-02-2022  
Reviewer

PremKumar  
24-02-2022  
[Authorized Signatory]

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|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

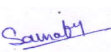
|    |                                           |                            |           |      |
|----|-------------------------------------------|----------------------------|-----------|------|
| f. | Near Gate No.3 (Night Time), Leq dB (A)   | IS: 9989 (Reaffirmed 2014) | Max. 70.0 | 51.7 |
| g. | Near Guest House (Day Time), Leq dB (A)   | IS: 9989 (Reaffirmed 2014) | Max. 75.0 | 50.3 |
| h. | Near Guest House (Night Time), Leq dB (A) | IS: 9989 (Reaffirmed 2014) | Max. 70.0 | 48.0 |
| i. | Near D Block (Day Time), Leq dB (A)       | IS: 9989 (Reaffirmed 2014) | Max. 75.0 | 53.1 |
| j. | Near D Block (Night Time), Leq dB (A)     | IS: 9989 (Reaffirmed 2014) | Max. 70.0 | 51.2 |

# represents Customer Defined Fields

**NOTE :** NA- Not Applicable, Requirements as per EPA Act 1986/PCLS/2010, Sampling Procedure : SOP/ITC/EW/056. Day Time - 06 :00 Hrs To 22 :00 Hrs, Night Time - 22 :00 Hrs To 06 :00 Hrs

**REMARKS :**N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
24-02-2022  
Reviewer

  
24-02-2022  
PremKumar  
[Authorized Signatory]

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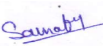
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2203090502<br><b>Sample Reg. Date</b> :09-03-2022<br><b>Report Date</b> :16-03-2022<br><b>Report No.</b> :ICE-2203160988<br><b>NABL ULR No.</b> :TC592622000004422F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                   |                       |
|-----------------------------------|-----------------------|
| <b>Test Report as per :</b>       | : NAAQS 2009          |
| <b>General Information :</b>      |                       |
| Location of Sampling Point        | : Near Block C-6      |
| Date of Monitoring                | : 03-03-2022          |
| Time of Monitoring                | : 11:30 Hrs           |
| Purpose of Monitoring             | : For Self Monitoring |
| Duration of Monitoring,minutes    | : 1440                |
| Avg. Flow Rate of Sampling,m3/min | : 1.32                |
| Volume of air sampled,m3          | : 1857.01             |
| Avg. Ambient Temperature,°C       | : 24                  |

| <b>Description</b> |                                                           |                                |               |        |
|--------------------|-----------------------------------------------------------|--------------------------------|---------------|--------|
| Description        |                                                           | Ambient Air Quality Monitoring |               |        |
| S.No.              | Parameters                                                | Method                         | Specification | Result |
|                    | <b>Discipline : Chemical</b>                              |                                |               |        |
|                    | <b>Group : Atmospheric Pollution</b>                      |                                |               |        |
| 1.                 | <b>Ambient Air Quality Parameters</b>                     |                                |               |        |
| a.                 | Sulphur Dioxide(SO <sub>2</sub> ),µg/m <sup>3</sup>       | IS:5182(P-2)                   | 80 Max        | 10.40  |
| b.                 | Nitrogen Dioxide(NO <sub>2</sub> ),µg/m <sup>3</sup>      | IS:5182(P-6)                   | 80 Max        | 19.42  |
| c.                 | Particulate Matter (PM <sub>10</sub> ),µg/m <sup>3</sup>  | IS:5182(P-23)                  | 100 Max       | 101.99 |
| d.                 | Particulate matter (PM <sub>2.5</sub> ),µg/m <sup>3</sup> | STP/ITC/EW-01                  | 60 Max        | 54.29  |

  
Saurabh Sharma  
16-03-2022  
Reviewer

  
16-03-2022  
PremKumar  
[Authorized Signatory]

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

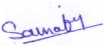
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| e. | Ozone(O <sub>3</sub> ),µg/m <sup>3</sup>                   | IS:5182(P-9)                                      | 180 Max | 20.10         |
| f. | Lead(As Pb),µg/m <sup>3</sup>                              | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max | BLQ(LOQ:0.1)  |
| g. | Carbon Monoxide(CO),mg/m <sup>3</sup>                      | IS:5182(P-10)                                     | 4 Max   | 1.3           |
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | 22.12         |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ(LOQ: 1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE** : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per NAAQS 2009.  
Sampling Procedure: SOP/ITC/EW/056

**REMARKS** :N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
16-03-2022  
Reviewer

  
16-03-2022  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
Panchkula-134109 (Haryana)  
Phone : (O) 0172-2561543, 2565825  
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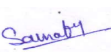
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2203090504<br><b>Sample Reg. Date</b> :09-03-2022<br><b>Report Date</b> :16-03-2022<br><b>Report No.</b> :ICE-2203160991<br><b>NABL ULR No.</b> :TC592622000004412F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                   |                       |
|-----------------------------------|-----------------------|
| <b>Test Report as per :</b>       | : NAAQS 2009          |
| <b>General Information :</b>      |                       |
| Location of Sampling Point        | : Village- Khanpur    |
| Date of Monitoring                | : 03-03-2022          |
| Time of Monitoring                | : 10:40 hrs           |
| Purpose of Monitoring             | : For Self Monitoring |
| Duration of Monitoring,minutes    | : 1440                |
| Avg. Flow Rate of Sampling,m3/min | : 1.33                |
| Volume of air sampled,m3          | : 1858.56             |
| Avg. Ambient Temperature,°C       | : 26                  |

| <b>Description</b> |                                                           |                                |               |        |
|--------------------|-----------------------------------------------------------|--------------------------------|---------------|--------|
| Description        |                                                           | Ambient Air Quality Monitoring |               |        |
| S.No.              | Parameters                                                | Method                         | Specification | Result |
|                    | <b>Discipline : Chemical</b>                              |                                |               |        |
|                    | <b>Group : Atmospheric Pollution</b>                      |                                |               |        |
| 1.                 | <b>Ambient Air Quality Parameters</b>                     |                                |               |        |
| a.                 | Sulphur Dioxide(SO <sub>2</sub> ),µg/m <sup>3</sup>       | IS:5182(P-2)                   | 80 Max        | 8.00   |
| b.                 | Nitrogen Dioxide(NO <sub>2</sub> ),µg/m <sup>3</sup>      | IS:5182(P-6)                   | 80 Max        | 16.29  |
| c.                 | Particulate Matter (PM <sub>10</sub> ),µg/m <sup>3</sup>  | IS:5182(P-23)                  | 100 Max       | 107.13 |
| d.                 | Particulate matter (PM <sub>2.5</sub> ),µg/m <sup>3</sup> | STP/ITC/EW-01                  | 60 Max        | 53.03  |

  
Saurabh Sharma  
16-03-2022  
Reviewer

  
16-03-2022  
PremKumar  
[Authorized Signatory]

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## Test Report

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2203090504<br><b>Sample Reg. Date</b> :09-03-2022<br><b>Report Date</b> :16-03-2022<br><b>Report No.</b> :ICE-2203160991<br><b>NABL ULR No.</b> :TC592622000004412F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

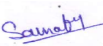
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| e. | Ozone(O <sub>3</sub> ),µg/m <sup>3</sup>                   | IS:5182(P-9)                                      | 180 Max | 19.19         |
| f. | Lead(As Pb),µg/m <sup>3</sup>                              | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max | BLQ(LOQ:0.1)  |
| g. | Carbon Monoxide(CO),mg/m <sup>3</sup>                      | IS:5182(P-10)                                     | 4 Max   | 1.3           |
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | 24.15         |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ(LOQ: 1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE** : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per NAAQS 2009.  
Sampling Procedure: SOP/ITC/EW/056

**REMARKS** :N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
16-03-2022  
Reviewer

  
16-03-2022  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
Panchkula-134109 (Haryana)  
Phone : (O) 0172-2561543, 2565825  
Email : customersupport@itclabs.com  
Visit us :www.itclabs.com

### Disclaimer :

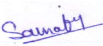
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## Test Report

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2203090505<br><b>Sample Reg. Date</b> :09-03-2022<br><b>Report Date</b> :16-03-2022<br><b>Report No.</b> :ICE-2203160990<br><b>NABL ULR No.</b> :TC592622000004411F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                   |                       |
|-----------------------------------|-----------------------|
| <b>Test Report as per :</b>       | : NAAQS 2009          |
| <b>General Information :</b>      |                       |
| Location of Sampling Point        | : Near Shakti Vihar   |
| Date of Monitoring                | : 03-03-2022          |
| Time of Monitoring                | : 11:50 hrs           |
| Purpose of Monitoring             | : For Self Monitoring |
| Duration of Monitoring,minutes    | : 1440                |
| Avg. Flow Rate of Sampling,m3/min | : 1.33                |
| Volume of air sampled,m3          | : 1864.80             |
| Avg. Ambient Temperature,°C       | : 25                  |

| <b>Description</b> |                                                           |                                |               |        |
|--------------------|-----------------------------------------------------------|--------------------------------|---------------|--------|
| Description        |                                                           | Ambient Air Quality Monitoring |               |        |
| S.No.              | Parameters                                                | Method                         | Specification | Result |
|                    | <b>Discipline : Chemical</b>                              |                                |               |        |
|                    | <b>Group : Atmospheric Pollution</b>                      |                                |               |        |
| 1.                 | <b>Ambient Air Quality Parameters</b>                     |                                |               |        |
| a.                 | Sulphur Dioxide(SO <sub>2</sub> ),µg/m <sup>3</sup>       | IS:5182(P-2)                   | 80 Max        | 7.98   |
| b.                 | Nitrogen Dioxide(NO <sub>2</sub> ),µg/m <sup>3</sup>      | IS:5182(P-6)                   | 80 Max        | 12.06  |
| c.                 | Particulate Matter (PM <sub>10</sub> ),µg/m <sup>3</sup>  | IS:5182(P-23)                  | 100 Max       | 87.25  |
| d.                 | Particulate matter (PM <sub>2.5</sub> ),µg/m <sup>3</sup> | STP/ITC/EW-01                  | 60 Max        | 39.14  |

  
Saurabh Sharma  
16-03-2022  
Reviewer

  
16-03-2022  
PremKumar  
[Authorized Signatory]

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## Test Report

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2203090505<br><b>Sample Reg. Date</b> :09-03-2022<br><b>Report Date</b> :16-03-2022<br><b>Report No.</b> :ICE-2203160990<br><b>NABL ULR No.</b> :TC592622000004411F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

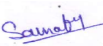
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| e. | Ozone(O <sub>3</sub> ),µg/m <sup>3</sup>                   | IS:5182(P-9)                                      | 180 Max | 15.25         |
| f. | Lead(As Pb),µg/m <sup>3</sup>                              | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max | BLQ(LOQ:0.1)  |
| g. | Carbon Monoxide(CO),mg/m <sup>3</sup>                      | IS:5182(P-10)                                     | 4 Max   | 1.3           |
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | 21.24         |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ(LOQ: 1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE** : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per NAAQS 2009.  
Sampling Procedure: SOP/ITC/EW/056

**REMARKS** :N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
16-03-2022  
Reviewer

  
16-03-2022  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
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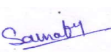
## Test Report

Document QF : 2501  
Page 1 of 2

|                                                                                                             |                                                                                                                                                                                                                                                                                            |
|-------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> : E01-2203090503<br><b>Sample Reg. Date</b> : 09-03-2022<br><b>Report Date</b> : 16-03-2022<br><b>Report No.</b> : ICE-2203160992<br><b>NABL ULR No.</b> : TC592622000004413F<br><b>Customer Ref. No.</b> : Order No.5030010814<br><b>Letter Dated</b> : 29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                 |                       |
|-------------------------------------------------|-----------------------|
| <b>Test Report as per :</b>                     | : NAAQS 2009          |
| <b>General Information :</b>                    |                       |
| Location of Sampling Point                      | : Near Gate No.3      |
| Date of Monitoring                              | : 03-03-2022          |
| Time of Monitoring                              | : 11:00 hrs           |
| Purpose of Monitoring                           | : For Self Monitoring |
| Duration of Monitoring, minutes                 | : 1440                |
| Avg. Flow Rate of Sampling, m <sup>3</sup> /min | : 1.33                |
| Volume of air sampled, m <sup>3</sup>           | : 1871.08             |
| Avg. Ambient Temperature, °C                    | : 24                  |

| <b>Description</b> |                                                            |                                |               |        |
|--------------------|------------------------------------------------------------|--------------------------------|---------------|--------|
| Description        |                                                            | Ambient Air Quality Monitoring |               |        |
| S.No.              | Parameters                                                 | Method                         | Specification | Result |
|                    | <b>Discipline : Chemical</b>                               |                                |               |        |
|                    | <b>Group : Atmospheric Pollution</b>                       |                                |               |        |
| 1.                 | <b>Ambient Air Quality Parameters</b>                      |                                |               |        |
| a.                 | Sulphur Dioxide(SO <sub>2</sub> ), µg/m <sup>3</sup>       | IS:5182(P-2)                   | 80 Max        | 13.45  |
| b.                 | Nitrogen Dioxide(NO <sub>2</sub> ), µg/m <sup>3</sup>      | IS:5182(P-6)                   | 80 Max        | 27.28  |
| c.                 | Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>  | IS:5182(P-23)                  | 100 Max       | 126.58 |
| d.                 | Particulate matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup> | STP/ITC/EW-01                  | 60 Max        | 58.08  |

  
Saurabh Sharma  
16-03-2022  
Reviewer

  
16-03-2022  
Prem Kumar  
[Authorized Signatory]

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## Test Report

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2203090503<br><b>Sample Reg. Date</b> :09-03-2022<br><b>Report Date</b> :16-03-2022<br><b>Report No.</b> :ICE-2203160992<br><b>NABL ULR No.</b> :TC592622000004413F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

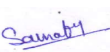
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| e. | Ozone(O <sub>3</sub> ),µg/m <sup>3</sup>                   | IS:5182(P-9)                                      | 180 Max | 16.23         |
| f. | Lead(As Pb),µg/m <sup>3</sup>                              | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max | BLQ(LOQ:0.1)  |
| g. | Carbon Monoxide(CO),mg/m <sup>3</sup>                      | IS:5182(P-10)                                     | 4 Max   | 1.3           |
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | 26.34         |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ(LOQ: 1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE** : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per NAAQS 2009.  
Sampling Procedure: SOP/ITC/EW/056

**REMARKS** :N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
16-03-2022  
Reviewer

  
16-03-2022  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
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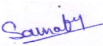
## Test Report

Document QF : 2501  
Page 1 of 2

|                                                                                                             |                                                                                                                                                                                                                                                                                            |
|-------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> : E01-2203140779<br><b>Sample Reg. Date</b> : 14-03-2022<br><b>Report Date</b> : 30-03-2022<br><b>Report No.</b> : ICE-2203301874<br><b>NABL ULR No.</b> : TC592622000005217F<br><b>Customer Ref. No.</b> : Order No.5030010814<br><b>Letter Dated</b> : 29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                 |                       |
|-------------------------------------------------|-----------------------|
| <b>Test Report as per :</b>                     | : NAAQS 2009          |
| <b>General Information :</b>                    |                       |
| Location of Sampling Point                      | : Near Gate No. 3     |
| Date of Monitoring                              | : 07-03-2022          |
| Time of Monitoring                              | : 11:00 hrs           |
| Purpose of Monitoring                           | : For Self Monitoring |
| Duration of Monitoring, minutes                 | : 1440                |
| Avg. Flow Rate of Sampling, m <sup>3</sup> /min | : 1.32                |
| Volume of air sampled, m <sup>3</sup>           | : 1844.59             |
| Avg. Ambient Temperature, °C                    | : 26                  |

| <b>Description</b> |                                                            |                                |               |        |
|--------------------|------------------------------------------------------------|--------------------------------|---------------|--------|
| Description        |                                                            | Ambient Air Quality Monitoring |               |        |
| S.No.              | Parameters                                                 | Method                         | Specification | Result |
|                    | <b>Discipline : Chemical</b>                               |                                |               |        |
|                    | <b>Group : Atmospheric Pollution</b>                       |                                |               |        |
| 1.                 | <b>Ambient Air Quality Parameters</b>                      |                                |               |        |
| a.                 | Sulphur Dioxide(SO <sub>2</sub> ), µg/m <sup>3</sup>       | IS:5182(P-2)                   | 80 Max        | 10.47  |
| b.                 | Nitrogen Dioxide(NO <sub>2</sub> ), µg/m <sup>3</sup>      | IS:5182(P-6)                   | 80 Max        | 21.88  |
| c.                 | Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>  | IS:5182(P-23)                  | 100 Max       | 118.35 |
| d.                 | Particulate matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup> | STP/ITC/EW-01                  | 60 Max        | 63.97  |

  
Saurabh Sharma  
30-03-2022  
Reviewer

  
30-03-2022  
Prem Kumar  
[Authorized Signatory]

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2203140779<br><b>Sample Reg. Date</b> :14-03-2022<br><b>Report Date</b> :30-03-2022<br><b>Report No.</b> :ICE-2203301874<br><b>NABL ULR No.</b> :TC592622000005217F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
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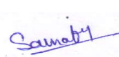
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| e. | Ozone(O <sub>3</sub> ),µg/m <sup>3</sup>                   | IS:5182(P-9)                                      | 180 Max | 20.00         |
| f. | Lead(As Pb),µg/m <sup>3</sup>                              | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max | BLQ(LOQ:0.1)  |
| g. | Carbon Monoxide(CO),mg/m <sup>3</sup>                      | IS:5182(P-10)                                     | 4 Max   | 1.5           |
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | 25.99         |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ (LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

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**NOTE** : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per NAAQS 2009.  
Sampling Procedure: SOP/ITC/EW/056

**REMARKS** :N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
30-03-2022  
Reviewer

  
30-03-2022  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
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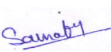
## Test Report

Document QF : 2501  
Page 1 of 2

|                                                                                                             |                                                                                                                                                                                                                                                                                            |
|-------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> : E01-2203140778<br><b>Sample Reg. Date</b> : 14-03-2022<br><b>Report Date</b> : 30-03-2022<br><b>Report No.</b> : ICE-2203301883<br><b>NABL ULR No.</b> : TC592622000005218F<br><b>Customer Ref. No.</b> : Order No.5030010814<br><b>Letter Dated</b> : 29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                 |                       |
|-------------------------------------------------|-----------------------|
| <b>Test Report as per :</b>                     | : NAAQS 2009          |
| <b>General Information :</b>                    |                       |
| Location of Sampling Point                      | : Near Block C-3      |
| Date of Monitoring                              | : 07-03-2022          |
| Time of Monitoring                              | : 11:20 hrs           |
| Purpose of Monitoring                           | : For Self Monitoring |
| Duration of Monitoring, minutes                 | : 1440                |
| Avg. Flow Rate of Sampling, m <sup>3</sup> /min | : 1.32                |
| Volume of air sampled, m <sup>3</sup>           | : 1875.96             |
| Avg. Ambient Temperature, °C                    | : 21                  |

| <b>Description</b> |                                                            |                                |               |        |
|--------------------|------------------------------------------------------------|--------------------------------|---------------|--------|
| Description        |                                                            | Ambient Air Quality Monitoring |               |        |
| S.No.              | Parameters                                                 | Method                         | Specification | Result |
|                    | <b>Discipline : Chemical</b>                               |                                |               |        |
|                    | <b>Group : Atmospheric Pollution</b>                       |                                |               |        |
| 1.                 | <b>Ambient Air Quality Parameters</b>                      |                                |               |        |
| a.                 | Sulphur Dioxide(SO <sub>2</sub> ), µg/m <sup>3</sup>       | IS:5182(P-2)                   | 80 Max        | 10.29  |
| b.                 | Nitrogen Dioxide(NO <sub>2</sub> ), µg/m <sup>3</sup>      | IS:5182(P-6)                   | 80 Max        | 14.19  |
| c.                 | Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>  | IS:5182(P-23)                  | 100 Max       | 118.23 |
| d.                 | Particulate matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup> | STP/ITC/EW-01                  | 60 Max        | 53.03  |

  
Saurabh Sharma  
30-03-2022  
Reviewer

  
30-03-2022  
Prem Kumar  
[Authorized Signatory]

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2203140778<br><b>Sample Reg. Date</b> :14-03-2022<br><b>Report Date</b> :30-03-2022<br><b>Report No.</b> :ICE-2203301883<br><b>NABL ULR No.</b> :TC592622000005218F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

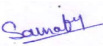
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| e. | Ozone(O <sub>3</sub> ),µg/m <sup>3</sup>                   | IS:5182(P-9)                                      | 180 Max | 19.25         |
| f. | Lead(As Pb),µg/m <sup>3</sup>                              | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max | BLQ(LOQ:0.1)  |
| g. | Carbon Monoxide(CO),mg/m <sup>3</sup>                      | IS:5182(P-10)                                     | 4 Max   | 1.1           |
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | 21.12         |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ (LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE** : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per NAAQS 2009.  
Sampling Procedure: SOP/ITC/EW/056

**REMARKS** :N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
30-03-2022  
Reviewer

  
30-03-2022  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
Panchkula-134109 (Haryana)  
Phone : (O) 0172-2561543, 2565825  
Email : customersupport@itclabs.com  
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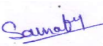
## Test Report

Document QF : 2501  
Page 1 of 2

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2203140780<br><b>Sample Reg. Date</b> :14-03-2022<br><b>Report Date</b> :30-03-2022<br><b>Report No.</b> :ICE-2203301884<br><b>NABL ULR No.</b> :TC592622000005216F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                   |                       |
|-----------------------------------|-----------------------|
| <b>Test Report as per :</b>       | : NAAQS 2009          |
| <b>General Information :</b>      |                       |
| Location of Sampling Point        | : Village-Khanpur     |
| Date of Monitoring                | : 07-03-2022          |
| Time of Monitoring                | : 10:30 hrs           |
| Purpose of Monitoring             | : For Self Monitoring |
| Duration of Monitoring,minutes    | : 1440                |
| Avg. Flow Rate of Sampling,m3/min | : 1.33                |
| Volume of air sampled,m3          | : 1890.17             |
| Avg. Ambient Temperature,°C       | : 21                  |

| Description |                                               |                                |               |        |
|-------------|-----------------------------------------------|--------------------------------|---------------|--------|
| Description |                                               | Ambient Air Quality Monitoring |               |        |
|             |                                               |                                |               |        |
| S.No.       | Parameters                                    | Method                         | Specification | Result |
|             | Discipline : Chemical                         |                                |               |        |
|             | Group : Atmospheric Pollution                 |                                |               |        |
| 1.          | Ambient Air Quality Parameters                |                                |               |        |
| a.          | Sulphur Dioxide(SO2),µg/m3                    | IS:5182(P-2)                   | 80 Max        | 12.11  |
| b.          | Nitrogen Dioxide(NO2),µg/m3                   | IS:5182(P-6)                   | 80 Max        | 16.48  |
| c.          | Particulate Matter (PM <sub>10</sub> ),µg/m3  | IS:5182(P-23)                  | 100 Max       | 107.24 |
| d.          | Particulate matter (PM <sub>2.5</sub> ),µg/m3 | STP/ITC/EW-01                  | 60 Max        | 56.40  |

  
Saurabh Sharma  
30-03-2022  
Reviewer

  
30-03-2022  
PremKumar  
[Authorized Signatory]

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## Test Report

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Page 2 of 2

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2203140780<br><b>Sample Reg. Date</b> :14-03-2022<br><b>Report Date</b> :30-03-2022<br><b>Report No.</b> :ICE-2203301884<br><b>NABL ULR No.</b> :TC592622000005216F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

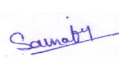
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| e. | Ozone(O <sub>3</sub> ),µg/m <sup>3</sup>                   | IS:5182(P-9)                                      | 180 Max | 19.85         |
| f. | Lead(As Pb),µg/m <sup>3</sup>                              | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max | BLQ(LOQ:0.1)  |
| g. | Carbon Monoxide(CO),mg/m <sup>3</sup>                      | IS:5182(P-10)                                     | 4 Max   | 1.3           |
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | 24.13         |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ (LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE** : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per NAAQS 2009.  
Sampling Procedure: SOP/ITC/EW/056

**REMARKS** :N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
30-03-2022  
Reviewer

  
30-03-2022  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
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Panchkula-134109 (Haryana)  
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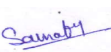
## Test Report

Document QF : 2501  
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|                                                                                                             |                                                                                                                                                                                                                                                                                            |
|-------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> : E01-2203140781<br><b>Sample Reg. Date</b> : 14-03-2022<br><b>Report Date</b> : 30-03-2022<br><b>Report No.</b> : ICE-2203301875<br><b>NABL ULR No.</b> : TC592622000005202F<br><b>Customer Ref. No.</b> : Order No.5030010814<br><b>Letter Dated</b> : 29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                 |                       |
|-------------------------------------------------|-----------------------|
| <b>Test Report as per :</b>                     | : NAAQS 2009          |
| <b>General Information :</b>                    |                       |
| Location of Sampling Point                      | : Near Shakti Vihar   |
| Date of Monitoring                              | : 07-03-2022          |
| Time of Monitoring                              | : 11:40 hrs           |
| Purpose of Monitoring                           | : For Self Monitoring |
| Duration of Monitoring, minutes                 | : 1440                |
| Avg. Flow Rate of Sampling, m <sup>3</sup> /min | : 1.32                |
| Volume of air sampled, m <sup>3</sup>           | : 1844.59             |
| Avg. Ambient Temperature, °C                    | : 26                  |

| <b>Description</b> |                                                            |                                |               |        |
|--------------------|------------------------------------------------------------|--------------------------------|---------------|--------|
| Description        |                                                            | Ambient Air Quality Monitoring |               |        |
| S.No.              | Parameters                                                 | Method                         | Specification | Result |
|                    | <b>Discipline : Chemical</b>                               |                                |               |        |
|                    | <b>Group : Atmospheric Pollution</b>                       |                                |               |        |
| 1.                 | <b>Ambient Air Quality Parameters</b>                      |                                |               |        |
| a.                 | Sulphur Dioxide(SO <sub>2</sub> ), µg/m <sup>3</sup>       | IS:5182(P-2)                   | 80 Max        | 7.39   |
| b.                 | Nitrogen Dioxide(NO <sub>2</sub> ), µg/m <sup>3</sup>      | IS:5182(P-6)                   | 80 Max        | 12.10  |
| c.                 | Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>  | IS:5182(P-23)                  | 100 Max       | 86.25  |
| d.                 | Particulate matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup> | STP/ITC/EW-01                  | 60 Max        | 39.98  |

  
Saurabh Sharma  
30-03-2022  
Reviewer

  
30-03-2022  
Prem Kumar  
[Authorized Signatory]

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2203140781<br><b>Sample Reg. Date</b> :14-03-2022<br><b>Report Date</b> :30-03-2022<br><b>Report No.</b> :ICE-2203301875<br><b>NABL ULR No.</b> :TC592622000005202F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

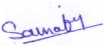
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| e. | Ozone(O <sub>3</sub> ),µg/m <sup>3</sup>                   | IS:5182(P-9)                                      | 180 Max | BLQ(LOQ:14)   |
| f. | Lead(As Pb),µg/m <sup>3</sup>                              | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max | BLQ(LOQ:0.1)  |
| g. | Carbon Monoxide(CO),mg/m <sup>3</sup>                      | IS:5182(P-10)                                     | 4 Max   | BLQ (LOQ:1.0) |
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | BLQ(LOQ:20)   |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ (LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE** : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per NAAQS 2009.  
Sampling Procedure: SOP/ITC/EW/056

**REMARKS** :N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
30-03-2022  
Reviewer

  
30-03-2022  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
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Panchkula-134109 (Haryana)  
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## Test Report

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2203281416<br><b>Sample Reg. Date</b> :28-03-2022<br><b>Report Date</b> :02-04-2022<br><b>Report No.</b> :ICE-2204020024<br><b>NABL ULR No.</b> :TC592622000005457F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                   |                       |
|-----------------------------------|-----------------------|
| <b>Test Report as per :</b>       | : NAAQS 2009          |
| <b>General Information :</b>      |                       |
| Location of Sampling Point        | : Near Gate No.3      |
| Date of Monitoring                | : 10-03-2022          |
| Time of Monitoring                | : 10:50 hrs           |
| Purpose of Monitoring             | : For Self Monitoring |
| Duration of Monitoring,minutes    | : 1440                |
| Avg. Flow Rate of Sampling,m3/min | : 1.34                |
| Volume of air sampled,m3          | : 1897.93             |
| Avg. Ambient Temperature,°C       | : 22                  |

| Description |                                   |                                |               |        |
|-------------|-----------------------------------|--------------------------------|---------------|--------|
| Description |                                   | Ambient Air Quality Monitoring |               |        |
|             |                                   |                                |               |        |
| S.No.       | Parameters                        | Method                         | Specification | Result |
|             | Discipline : Chemical             |                                |               |        |
|             | Group : Atmospheric Pollution     |                                |               |        |
| 1.          | Ambient Air Quality Parameters    |                                |               |        |
| a.          | Sulphur Dioxide(SO2),µg/m3        | IS:5182(P-2)                   | 80 Max        | 13.36  |
| b.          | Nitrogen Dioxide(NO2),µg/m3       | IS:5182(P-6)                   | 80 Max        | 22.04  |
| c.          | Particulate Matter (PM10),µg/m3   | IS:5182(P-23)                  | 100 Max       | 120.08 |
| d.          | Particulate matter (PM 2.5),µg/m3 | STP/ITC/EW-01                  | 60 Max        | 58.08  |

*Saurabh Sharma*  
Saurabh Sharma  
02-04-2022  
Reviewer

*PremKumar*  
02-04-2022  
PremKumar  
[Authorized Signatory]

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2203281416<br><b>Sample Reg. Date</b> :28-03-2022<br><b>Report Date</b> :02-04-2022<br><b>Report No.</b> :ICE-2204020024<br><b>NABL ULR No.</b> :TC592622000005457F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

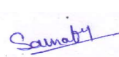
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| e. | Ozone(O <sub>3</sub> ),µg/m <sup>3</sup>                   | IS:5182(P-9)                                      | 180 Max | 20.11         |
| f. | Lead(As Pb),µg/m <sup>3</sup>                              | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max | BLQ(LOQ:0.1)  |
| g. | Carbon Monoxide(CO),mg/m <sup>3</sup>                      | IS:5182(P-10)                                     | 4 Max   | 1.3           |
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | 26.29         |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ (LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE** : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per NAAQS 2009.  
Sampling Procedure: SOP/ITC/EW/056

**REMARKS** :N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
02-04-2022  
Reviewer

  
02-04-2022  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
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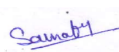
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Document QF : 2501  
Page 1 of 2

|                                                                                                             |                                                                                                                                                                                                                                                                                            |
|-------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> : E01-2203281415<br><b>Sample Reg. Date</b> : 28-03-2022<br><b>Report Date</b> : 02-04-2022<br><b>Report No.</b> : ICE-2204020023<br><b>NABL ULR No.</b> : TC592622000005456F<br><b>Customer Ref. No.</b> : Order No.5030010814<br><b>Letter Dated</b> : 29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                 |                       |
|-------------------------------------------------|-----------------------|
| <b>Test Report as per :</b>                     | : NAAQS 2009          |
| <b>General Information :</b>                    |                       |
| Location of Sampling Point                      | : Near Block C-6      |
| Date of Monitoring                              | : 10-03-2022          |
| Time of Monitoring                              | : 11:10 hrs           |
| Purpose of Monitoring                           | : For Self Monitoring |
| Duration of Monitoring, minutes                 | : 1440                |
| Avg. Flow Rate of Sampling, m <sup>3</sup> /min | : 1.33                |
| Volume of air sampled, m <sup>3</sup>           | : 1877.40             |
| Avg. Ambient Temperature, °C                    | : 23                  |

| <b>Description</b> |                                                            |                                |               |        |
|--------------------|------------------------------------------------------------|--------------------------------|---------------|--------|
| Description        |                                                            | Ambient Air Quality Monitoring |               |        |
| S.No.              | Parameters                                                 | Method                         | Specification | Result |
|                    | <b>Discipline : Chemical</b>                               |                                |               |        |
|                    | <b>Group : Atmospheric Pollution</b>                       |                                |               |        |
| 1.                 | <b>Ambient Air Quality Parameters</b>                      |                                |               |        |
| a.                 | Sulphur Dioxide(SO <sub>2</sub> ), µg/m <sup>3</sup>       | IS:5182(P-2)                   | 80 Max        | 12.19  |
| b.                 | Nitrogen Dioxide(NO <sub>2</sub> ), µg/m <sup>3</sup>      | IS:5182(P-6)                   | 80 Max        | 18.43  |
| c.                 | Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>  | IS:5182(P-23)                  | 100 Max       | 107.33 |
| d.                 | Particulate matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup> | STP/ITC/EW-01                  | 60 Max        | 56.40  |

  
Saurabh Sharma  
02-04-2022  
Reviewer

  
02-04-2022  
PremKumar  
[Authorized Signatory]

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## Test Report

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2203281415<br><b>Sample Reg. Date</b> :28-03-2022<br><b>Report Date</b> :02-04-2022<br><b>Report No.</b> :ICE-2204020023<br><b>NABL ULR No.</b> :TC592622000005456F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

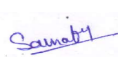
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| e. | Ozone(O <sub>3</sub> ),µg/m <sup>3</sup>                   | IS:5182(P-9)                                      | 180 Max | 17.21         |
| f. | Lead(As Pb),µg/m <sup>3</sup>                              | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max | BLQ(LOQ:0.1)  |
| g. | Carbon Monoxide(CO),mg/m <sup>3</sup>                      | IS:5182(P-10)                                     | 4 Max   | 1.2           |
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | 21.14         |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ (LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE** : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per NAAQS 2009.  
Sampling Procedure: SOP/ITC/EW/056

**REMARKS** :N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
02-04-2022  
Reviewer

  
02-04-2022  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
Panchkula-134109 (Haryana)  
Phone : (O) 0172-2561543, 2565825  
Email : customersupport@itclabs.com  
Visit us :www.itclabs.com

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## Test Report

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2203281417<br><b>Sample Reg. Date</b> :28-03-2022<br><b>Report Date</b> :02-04-2022<br><b>Report No.</b> :ICE-2204020025<br><b>NABL ULR No.</b> :TC592622000005458F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                   |                       |
|-----------------------------------|-----------------------|
| <b>Test Report as per :</b>       | : NAAQS 2009          |
| <b>General Information :</b>      |                       |
| Location of Sampling Point        | : Village-Khanpur     |
| Date of Monitoring                | : 10-03-2022          |
| Time of Monitoring                | : 10:40 hrs           |
| Purpose of Monitoring             | : For Self Monitoring |
| Duration of Monitoring,minutes    | : 1440                |
| Avg. Flow Rate of Sampling,m3/min | : 1.34                |
| Volume of air sampled,m3          | : 1891.52             |
| Avg. Ambient Temperature,°C       | : 23                  |

| Description |                                   |                        |               |        |
|-------------|-----------------------------------|------------------------|---------------|--------|
| Description |                                   | Ambient Air Monitoring |               |        |
|             |                                   |                        |               |        |
| S.No.       | Parameters                        | Method                 | Specification | Result |
|             | Discipline : Chemical             |                        |               |        |
|             | Group : Atmospheric Pollution     |                        |               |        |
| 1.          | Ambient Air Quality Parameters    |                        |               |        |
| a.          | Sulphur Dioxide(SO2),µg/m3        | IS:5182(P-2)           | 80 Max        | 10.36  |
| b.          | Nitrogen Dioxide(NO2),µg/m3       | IS:5182(P-6)           | 80 Max        | 17.05  |
| c.          | Particulate Matter (PM10),µg/m3   | IS:5182(P-23)          | 100 Max       | 128.26 |
| d.          | Particulate matter (PM 2.5),µg/m3 | STP/ITC/EW-01          | 60 Max        | 63.13  |

*Saurabh Sharma*  
Saurabh Sharma  
02-04-2022  
Reviewer

*PremKumar*  
02-04-2022  
PremKumar  
[Authorized Signatory]

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## Test Report

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2203281417<br><b>Sample Reg. Date</b> :28-03-2022<br><b>Report Date</b> :02-04-2022<br><b>Report No.</b> :ICE-2204020025<br><b>NABL ULR No.</b> :TC592622000005458F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

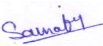
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| e. | Ozone(O <sub>3</sub> ),µg/m <sup>3</sup>                   | IS:5182(P-9)                                      | 180 Max | 22.06         |
| f. | Lead(As Pb),µg/m <sup>3</sup>                              | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max | BLQ(LOQ:0.1)  |
| g. | Carbon Monoxide(CO),mg/m <sup>3</sup>                      | IS:5182(P-10)                                     | 4 Max   | 1.5           |
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | 29.32         |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ (LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE** : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per NAAQS 2009.  
Sampling Procedure: SOP/ITC/EW/056

**REMARKS** :N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
02-04-2022  
Reviewer

  
02-04-2022  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
Panchkula-134109 (Haryana)  
Phone : (O) 0172-2561543, 2565825  
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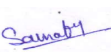
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## Test Report

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2203281418<br><b>Sample Reg. Date</b> :28-03-2022<br><b>Report Date</b> :02-04-2022<br><b>Report No.</b> :ICE-2204020026<br><b>NABL ULR No.</b> :TC592622000005459F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                   |                       |
|-----------------------------------|-----------------------|
| <b>Test Report as per :</b>       | : NAAQS 2009          |
| <b>General Information :</b>      |                       |
| Location of Sampling Point        | : Near Shakti Vihar   |
| Date of Monitoring                | : 10-03-2022          |
| Time of Monitoring                | : 11:30 hrs           |
| Purpose of Monitoring             | : For Self Monitoring |
| Duration of Monitoring,minutes    | : 1440                |
| Avg. Flow Rate of Sampling,m3/min | : 1.34                |
| Volume of air sampled,m3          | : 1878.82             |
| Avg. Ambient Temperature,°C       | : 25                  |

| Description |                                               |                                |               |        |
|-------------|-----------------------------------------------|--------------------------------|---------------|--------|
| Description |                                               | Ambient Air Quality Monitoring |               |        |
|             |                                               |                                |               |        |
| S.No.       | Parameters                                    | Method                         | Specification | Result |
|             | Discipline : Chemical                         |                                |               |        |
|             | Group : Atmospheric Pollution                 |                                |               |        |
| 1.          | Ambient Air Quality Parameters                |                                |               |        |
| a.          | Sulphur Dioxide(SO2),µg/m3                    | IS:5182(P-2)                   | 80 Max        | 6.14   |
| b.          | Nitrogen Dioxide(NO2),µg/m3                   | IS:5182(P-6)                   | 80 Max        | 9.28   |
| c.          | Particulate Matter (PM <sub>10</sub> ),µg/m3  | IS:5182(P-23)                  | 100 Max       | 93.36  |
| d.          | Particulate matter (PM <sub>2.5</sub> ),µg/m3 | STP/ITC/EW-01                  | 60 Max        | 43.35  |

  
Saurabh Sharma  
02-04-2022  
Reviewer

  
02-04-2022  
PremKumar  
[Authorized Signatory]

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## Test Report

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

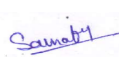
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| e. | Ozone(O <sub>3</sub> ),µg/m <sup>3</sup>                   | IS:5182(P-9)                                      | 180 Max | BLQ(LOQ:14)   |
| f. | Lead(As Pb),µg/m <sup>3</sup>                              | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max | BLQ(LOQ:0.1)  |
| g. | Carbon Monoxide(CO),mg/m <sup>3</sup>                      | IS:5182(P-10)                                     | 4 Max   | BLQ (LOQ:1.0) |
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | BLQ(LOQ:20)   |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ (LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE** : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per NAAQS 2009.  
Sampling Procedure: SOP/ITC/EW/056

**REMARKS** :N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
02-04-2022  
Reviewer

  
02-04-2022  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
Panchkula-134109 (Haryana)  
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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2203281420<br><b>Sample Reg. Date</b> :28-03-2022<br><b>Report Date</b> :02-04-2022<br><b>Report No.</b> :ICE-2204020028<br><b>NABL ULR No.</b> :TC592622000005461F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                   |                       |
|-----------------------------------|-----------------------|
| <b>Test Report as per :</b>       | : NAAQS 2009          |
| <b>General Information :</b>      |                       |
| Location of Sampling Point        | : Near Gate No.3      |
| Date of Monitoring                | : 14-03-2022          |
| Time of Monitoring                | : 10:50 hrs           |
| Purpose of Monitoring             | : For Self Monitoring |
| Duration of Monitoring,minutes    | : 1440                |
| Avg. Flow Rate of Sampling,m3/min | : 1.33                |
| Volume of air sampled,m3          | : 1834.03             |
| Avg. Ambient Temperature,°C       | : 30                  |

| <b>Description</b> |                                                           |                                |               |        |
|--------------------|-----------------------------------------------------------|--------------------------------|---------------|--------|
| Description        |                                                           | Ambient Air Quality Monitoring |               |        |
| S.No.              | Parameters                                                | Method                         | Specification | Result |
|                    | <b>Discipline : Chemical</b>                              |                                |               |        |
|                    | <b>Group : Atmospheric Pollution</b>                      |                                |               |        |
| 1.                 | <b>Ambient Air Quality Parameters</b>                     |                                |               |        |
| a.                 | Sulphur Dioxide(SO <sub>2</sub> ),µg/m <sup>3</sup>       | IS:5182(P-2)                   | 80 Max        | 6.86   |
| b.                 | Nitrogen Dioxide(NO <sub>2</sub> ),µg/m <sup>3</sup>      | IS:5182(P-6)                   | 80 Max        | 16.04  |
| c.                 | Particulate Matter (PM <sub>10</sub> ),µg/m <sup>3</sup>  | IS:5182(P-23)                  | 100 Max       | 107.14 |
| d.                 | Particulate matter (PM <sub>2.5</sub> ),µg/m <sup>3</sup> | STP/ITC/EW-01                  | 60 Max        | 50.08  |

Saurabh Sharma  
02-04-2022  
Reviewer

02-04-2022  
PremKumar  
[Authorized Signatory]

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## Test Report

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2203281420<br><b>Sample Reg. Date</b> :28-03-2022<br><b>Report Date</b> :02-04-2022<br><b>Report No.</b> :ICE-2204020028<br><b>NABL ULR No.</b> :TC592622000005461F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

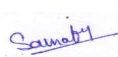
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| e. | Ozone(O <sub>3</sub> ),µg/m <sup>3</sup>                   | IS:5182(P-9)                                      | 180 Max | 16.23         |
| f. | Lead(As Pb),µg/m <sup>3</sup>                              | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max | BLQ(LOQ:0.1)  |
| g. | Carbon Monoxide(CO),mg/m <sup>3</sup>                      | IS:5182(P-10)                                     | 4 Max   | 1.6           |
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | 22.08         |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ (LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE** : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per NAAQS 2009.  
Sampling Procedure: SOP/ITC/EW/056

**REMARKS** :N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
02-04-2022  
Reviewer

  
02-04-2022  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
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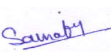
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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2203281419<br><b>Sample Reg. Date</b> :28-03-2022<br><b>Report Date</b> :02-04-2022<br><b>Report No.</b> :ICE-2204020027<br><b>NABL ULR No.</b> :TC592622000005460F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                   |                       |
|-----------------------------------|-----------------------|
| <b>Test Report as per :</b>       | : NAAQS 2009          |
| <b>General Information :</b>      |                       |
| Location of Sampling Point        | : Near Block C-3      |
| Date of Monitoring                | : 14-03-2022          |
| Time of Monitoring                | : 11:10 hrs           |
| Purpose of Monitoring             | : For Self Monitoring |
| Duration of Monitoring,minutes    | : 1440                |
| Avg. Flow Rate of Sampling,m3/min | : 1.34                |
| Volume of air sampled,m3          | : 1841.74             |
| Avg. Ambient Temperature,°C       | : 31                  |

| <b>Description</b> |                                                           |                                |               |        |
|--------------------|-----------------------------------------------------------|--------------------------------|---------------|--------|
| Description        |                                                           | Ambient Air Quality Monitoring |               |        |
| S.No.              | Parameters                                                | Method                         | Specification | Result |
|                    | <b>Discipline : Chemical</b>                              |                                |               |        |
|                    | <b>Group : Atmospheric Pollution</b>                      |                                |               |        |
| 1.                 | <b>Ambient Air Quality Parameters</b>                     |                                |               |        |
| a.                 | Sulphur Dioxide(SO <sub>2</sub> ),µg/m <sup>3</sup>       | IS:5182(P-2)                   | 80 Max        | 10.01  |
| b.                 | Nitrogen Dioxide(NO <sub>2</sub> ),µg/m <sup>3</sup>      | IS:5182(P-6)                   | 80 Max        | 14.20  |
| c.                 | Particulate Matter (PM <sub>10</sub> ),µg/m <sup>3</sup>  | IS:5182(P-23)                  | 100 Max       | 98.22  |
| d.                 | Particulate matter (PM <sub>2.5</sub> ),µg/m <sup>3</sup> | STP/ITC/EW-01                  | 60 Max        | 46.30  |

  
Saurabh Sharma  
02-04-2022  
Reviewer

  
02-04-2022  
PremKumar  
[Authorized Signatory]

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## Test Report

Document QF : 2501  
Page 2 of 2

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2203281419<br><b>Sample Reg. Date</b> :28-03-2022<br><b>Report Date</b> :02-04-2022<br><b>Report No.</b> :ICE-2204020027<br><b>NABL ULR No.</b> :TC592622000005460F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

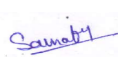
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| e. | Ozone(O <sub>3</sub> ),µg/m <sup>3</sup>                   | IS:5182(P-9)                                      | 180 Max | 15.22         |
| f. | Lead(As Pb),µg/m <sup>3</sup>                              | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max | BLQ(LOQ:0.1)  |
| g. | Carbon Monoxide(CO),mg/m <sup>3</sup>                      | IS:5182(P-10)                                     | 4 Max   | 1.3           |
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | 23.13         |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ (LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE** : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per NAAQS 2009.  
Sampling Procedure: SOP/ITC/EW/056

**REMARKS** :N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
02-04-2022  
Reviewer

  
02-04-2022  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
Panchkula-134109 (Haryana)  
Phone : (O) 0172-2561543, 2565825  
Email : customersupport@itclabs.com  
Visit us :www.itclabs.com

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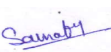
## Test Report

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Page 1 of 2

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2203281421<br><b>Sample Reg. Date</b> :28-03-2022<br><b>Report Date</b> :02-04-2022<br><b>Report No.</b> :ICE-2204020029<br><b>NABL ULR No.</b> :TC592622000005462F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                   |                       |
|-----------------------------------|-----------------------|
| <b>Test Report as per :</b>       | : NAAQS 2009          |
| <b>General Information :</b>      |                       |
| Location of Sampling Point        | : Village-Khanpur     |
| Date of Monitoring                | : 14-03-2022          |
| Time of Monitoring                | : 10:40 hrs           |
| Purpose of Monitoring             | : For Self Monitoring |
| Duration of Monitoring,minutes    | : 1440                |
| Avg. Flow Rate of Sampling,m3/min | : 1.34                |
| Volume of air sampled,m3          | : 1847.82             |
| Avg. Ambient Temperature,°C       | : 30                  |

| <b>Description</b> |                                                           |                                |               |        |
|--------------------|-----------------------------------------------------------|--------------------------------|---------------|--------|
| Description        |                                                           | Ambient Air Quality Monitoring |               |        |
| S.No.              | Parameters                                                | Method                         | Specification | Result |
|                    | <b>Discipline : Chemical</b>                              |                                |               |        |
|                    | <b>Group : Atmospheric Pollution</b>                      |                                |               |        |
| 1.                 | <b>Ambient Air Quality Parameters</b>                     |                                |               |        |
| a.                 | Sulphur Dioxide(SO <sub>2</sub> ),µg/m <sup>3</sup>       | IS:5182(P-2)                   | 80 Max        | 9.98   |
| b.                 | Nitrogen Dioxide(NO <sub>2</sub> ),µg/m <sup>3</sup>      | IS:5182(P-6)                   | 80 Max        | 22.17  |
| c.                 | Particulate Matter (PM <sub>10</sub> ),µg/m <sup>3</sup>  | IS:5182(P-23)                  | 100 Max       | 134.16 |
| d.                 | Particulate matter (PM <sub>2.5</sub> ),µg/m <sup>3</sup> | STP/ITC/EW-01                  | 60 Max        | 69.02  |

  
Saurabh Sharma  
02-04-2022  
Reviewer

  
02-04-2022  
PremKumar  
[Authorized Signatory]

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## Test Report

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Page 2 of 2

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2203281421<br><b>Sample Reg. Date</b> :28-03-2022<br><b>Report Date</b> :02-04-2022<br><b>Report No.</b> :ICE-2204020029<br><b>NABL ULR No.</b> :TC592622000005462F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

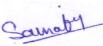
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| e. | Ozone(O <sub>3</sub> ),µg/m <sup>3</sup>                   | IS:5182(P-9)                                      | 180 Max | 22.05         |
| f. | Lead(As Pb),µg/m <sup>3</sup>                              | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max | BLQ(LOQ:0.1)  |
| g. | Carbon Monoxide(CO),mg/m <sup>3</sup>                      | IS:5182(P-10)                                     | 4 Max   | 1.5           |
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | 28.33         |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ (LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE** : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per NAAQS 2009.  
Sampling Procedure: SOP/ITC/EW/056

**REMARKS** :N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
02-04-2022  
Reviewer

  
02-04-2022  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
Panchkula-134109 (Haryana)  
Phone : (O) 0172-2561543, 2565825  
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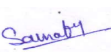
## Test Report

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|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2203281422<br><b>Sample Reg. Date</b> :28-03-2022<br><b>Report Date</b> :02-04-2022<br><b>Report No.</b> :ICE-2204020030<br><b>NABL ULR No.</b> :TC592622000005463F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                 |                       |
|-------------------------------------------------|-----------------------|
| <b>Test Report as per :</b>                     | : NAAQS 2009          |
| <b>General Information :</b>                    |                       |
| Location of Sampling Point                      | : Near Shakti Vihar   |
| Date of Monitoring                              | : 14-03-2022          |
| Time of Monitoring                              | : 11:30 hrs           |
| Purpose of Monitoring                           | : For Self Monitoring |
| Duration of Monitoring, minutes                 | : 1440                |
| Avg. Flow Rate of Sampling, m <sup>3</sup> /min | : 1.33                |
| Volume of air sampled, m <sup>3</sup>           | : 1827.99             |
| Avg. Ambient Temperature, °C                    | : 31                  |

| <b>Description</b> |                                                            |                                |               |        |
|--------------------|------------------------------------------------------------|--------------------------------|---------------|--------|
| Description        |                                                            | Ambient Air Quality Monitoring |               |        |
| S.No.              | Parameters                                                 | Method                         | Specification | Result |
|                    | <b>Discipline : Chemical</b>                               |                                |               |        |
|                    | <b>Group : Atmospheric Pollution</b>                       |                                |               |        |
| 1.                 | <b>Ambient Air Quality Parameters</b>                      |                                |               |        |
| a.                 | Sulphur Dioxide(SO <sub>2</sub> ), µg/m <sup>3</sup>       | IS:5182(P-2)                   | 80 Max        | 6.26   |
| b.                 | Nitrogen Dioxide(NO <sub>2</sub> ), µg/m <sup>3</sup>      | IS:5182(P-6)                   | 80 Max        | 16.09  |
| c.                 | Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>  | IS:5182(P-23)                  | 100 Max       | 89.22  |
| d.                 | Particulate matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup> | STP/ITC/EW-01                  | 60 Max        | 30.30  |

  
Saurabh Sharma  
02-04-2022  
Reviewer

  
02-04-2022  
PremKumar  
[Authorized Signatory]

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## Test Report

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2203281422<br><b>Sample Reg. Date</b> :28-03-2022<br><b>Report Date</b> :02-04-2022<br><b>Report No.</b> :ICE-2204020030<br><b>NABL ULR No.</b> :TC592622000005463F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
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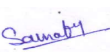
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| e. | Ozone(O <sub>3</sub> ),µg/m <sup>3</sup>                   | IS:5182(P-9)                                      | 180 Max | BLQ(LOQ:14)   |
| f. | Lead(As Pb),µg/m <sup>3</sup>                              | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max | BLQ(LOQ:0.1)  |
| g. | Carbon Monoxide(CO),mg/m <sup>3</sup>                      | IS:5182(P-10)                                     | 4 Max   | BLQ (LOQ:1.0) |
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | BLQ(LOQ:20)   |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ (LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE** : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per NAAQS 2009.  
Sampling Procedure: SOP/ITC/EW/056

**REMARKS** :N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
02-04-2022  
Reviewer

  
02-04-2022  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
Panchkula-134109 (Haryana)  
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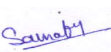
## Test Report

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2203291441<br><b>Sample Reg. Date</b> :29-03-2022<br><b>Report Date</b> :04-04-2022<br><b>Report No.</b> :ICE-2204040096<br><b>NABL ULR No.</b> :TC592622000005567F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                   |                       |
|-----------------------------------|-----------------------|
| <b>Test Report as per :</b>       | : NAAQS 2009          |
| <b>General Information :</b>      |                       |
| Location of Sampling Point        | : Near Gate No.3      |
| Date of Monitoring                | : 17-03-2022          |
| Time of Monitoring                | : 10:40 hrs           |
| Purpose of Monitoring             | : For Self Monitoring |
| Duration of Monitoring,minutes    | : 1440                |
| Avg. Flow Rate of Sampling,m3/min | : 1.34                |
| Volume of air sampled,m3          | : 1841.74             |
| Avg. Ambient Temperature,°C       | : 31                  |

| <b>Description</b> |                                                           |                                |               |        |
|--------------------|-----------------------------------------------------------|--------------------------------|---------------|--------|
| Description        |                                                           | Ambient Air Quality Monitoring |               |        |
| S.No.              | Parameters                                                | Method                         | Specification | Result |
|                    | <b>Discipline : Chemical</b>                              |                                |               |        |
|                    | <b>Group : Atmospheric Pollution</b>                      |                                |               |        |
| 1.                 | <b>Ambient Air Quality Parameters</b>                     |                                |               |        |
| a.                 | Sulphur Dioxide(SO <sub>2</sub> ),µg/m <sup>3</sup>       | IS:5182(P-2)                   | 80 Max        | 9.39   |
| b.                 | Nitrogen Dioxide(NO <sub>2</sub> ),µg/m <sup>3</sup>      | IS:5182(P-6)                   | 80 Max        | 13.25  |
| c.                 | Particulate Matter (PM <sub>10</sub> ),µg/m <sup>3</sup>  | IS:5182(P-23)                  | 100 Max       | 106.26 |
| d.                 | Particulate matter (PM <sub>2.5</sub> ),µg/m <sup>3</sup> | STP/ITC/EW-01                  | 60 Max        | 53.03  |

  
Saurabh Sharma  
04-04-2022  
Reviewer

  
04-04-2022  
PremKumar  
[Authorized Signatory]

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## Test Report

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2203291441<br><b>Sample Reg. Date</b> :29-03-2022<br><b>Report Date</b> :04-04-2022<br><b>Report No.</b> :ICE-2204040096<br><b>NABL ULR No.</b> :TC592622000005567F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

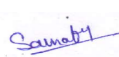
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| e. | Ozone(O <sub>3</sub> ),µg/m <sup>3</sup>                   | IS:5182(P-9)                                      | 180 Max | 18.16         |
| f. | Lead(As Pb),µg/m <sup>3</sup>                              | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max | BLQ(LOQ:0.1)  |
| g. | Carbon Monoxide(CO),mg/m <sup>3</sup>                      | IS:5182(P-10)                                     | 4 Max   | 1.4           |
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | 24.15         |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ (LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE** : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per NAAQS 2009.  
Sampling Procedure: SOP/ITC/EW/056

**REMARKS** :N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
04-04-2022  
Reviewer

  
04-04-2022  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
Panchkula-134109 (Haryana)  
Phone : (O) 0172-2561543, 2565825  
Email : customersupport@itclabs.com  
Visit us :www.itclabs.com

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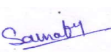
## Test Report

Document QF : 2501  
Page 1 of 2

|                                                                                                             |                                                                                                                                                                                                                                                                                            |
|-------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> : E01-2203291440<br><b>Sample Reg. Date</b> : 29-03-2022<br><b>Report Date</b> : 04-04-2022<br><b>Report No.</b> : ICE-2204040095<br><b>NABL ULR No.</b> : TC592622000005566F<br><b>Customer Ref. No.</b> : Order No.5030010814<br><b>Letter Dated</b> : 29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                 |                       |
|-------------------------------------------------|-----------------------|
| <b>Test Report as per :</b>                     | : NAAQS 2009          |
| <b>General Information :</b>                    |                       |
| Location of Sampling Point                      | : Near Block C-6      |
| Date of Monitoring                              | : 17-03-2022          |
| Time of Monitoring                              | : 10:55 hrs           |
| Purpose of Monitoring                           | : For Self Monitoring |
| Duration of Monitoring, minutes                 | : 1440                |
| Avg. Flow Rate of Sampling, m <sup>3</sup> /min | : 1.33                |
| Volume of air sampled, m <sup>3</sup>           | : 1816.05             |
| Avg. Ambient Temperature, °C                    | : 33                  |

| <b>Description</b> |                                                            |                                |               |        |
|--------------------|------------------------------------------------------------|--------------------------------|---------------|--------|
| Description        |                                                            | Ambient Air Quality Monitoring |               |        |
| S.No.              | Parameters                                                 | Method                         | Specification | Result |
|                    | <b>Discipline : Chemical</b>                               |                                |               |        |
|                    | <b>Group : Atmospheric Pollution</b>                       |                                |               |        |
| 1.                 | <b>Ambient Air Quality Parameters</b>                      |                                |               |        |
| a.                 | Sulphur Dioxide(SO <sub>2</sub> ), µg/m <sup>3</sup>       | IS:5182(P-2)                   | 80 Max        | 6.93   |
| b.                 | Nitrogen Dioxide(NO <sub>2</sub> ), µg/m <sup>3</sup>      | IS:5182(P-6)                   | 80 Max        | 11.91  |
| c.                 | Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>  | IS:5182(P-23)                  | 100 Max       | 91.30  |
| d.                 | Particulate matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup> | STP/ITC/EW-01                  | 60 Max        | 47.98  |

  
Saurabh Sharma  
04-04-2022  
Reviewer

  
04-04-2022  
PremKumar  
[Authorized Signatory]

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## Test Report

Document QF : 2501  
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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2203291440<br><b>Sample Reg. Date</b> :29-03-2022<br><b>Report Date</b> :04-04-2022<br><b>Report No.</b> :ICE-2204040095<br><b>NABL ULR No.</b> :TC592622000005566F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
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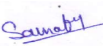
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| e. | Ozone(O <sub>3</sub> ),µg/m <sup>3</sup>                   | IS:5182(P-9)                                      | 180 Max | BLQ(LOQ:14)   |
| f. | Lead(As Pb),µg/m <sup>3</sup>                              | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max | BLQ(LOQ:0.1)  |
| g. | Carbon Monoxide(CO),mg/m <sup>3</sup>                      | IS:5182(P-10)                                     | 4 Max   | 1.2           |
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | BLQ(LOQ:20)   |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ (LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE** : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per NAAQS 2009.  
Sampling Procedure: SOP/ITC/EW/056

**REMARKS** :N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
04-04-2022  
Reviewer

  
04-04-2022  
PremKumar  
[Authorized Signatory]

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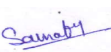
## Test Report

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Page 1 of 2

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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> : E01-2203291442<br><b>Sample Reg. Date</b> : 29-03-2022<br><b>Report Date</b> : 04-04-2022<br><b>Report No.</b> : ICE-2204040097<br><b>NABL ULR No.</b> : TC592622000005578F<br><b>Customer Ref. No.</b> : Order No.5030010814<br><b>Letter Dated</b> : 29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                 |                       |
|-------------------------------------------------|-----------------------|
| <b>Test Report as per :</b>                     | : NAAQS 2009          |
| <b>General Information :</b>                    |                       |
| Location of Sampling Point                      | : Village-Khanpur     |
| Date of Monitoring                              | : 17-03-2022          |
| Time of Monitoring                              | : 10:30 hrs           |
| Purpose of Monitoring                           | : For Self Monitoring |
| Duration of Monitoring, minutes                 | : 1440                |
| Avg. Flow Rate of Sampling, m <sup>3</sup> /min | : 1.31                |
| Volume of air sampled, m <sup>3</sup>           | : 1794.60             |
| Avg. Ambient Temperature, °C                    | : 32                  |

| <b>Description</b> |                                                            |                                |               |        |
|--------------------|------------------------------------------------------------|--------------------------------|---------------|--------|
| Description        |                                                            | Ambient Air Quality Monitoring |               |        |
| S.No.              | Parameters                                                 | Method                         | Specification | Result |
|                    | <b>Discipline : Chemical</b>                               |                                |               |        |
|                    | <b>Group : Atmospheric Pollution</b>                       |                                |               |        |
| 1.                 | <b>Ambient Air Quality Parameters</b>                      |                                |               |        |
| a.                 | Sulphur Dioxide(SO <sub>2</sub> ), µg/m <sup>3</sup>       | IS:5182(P-2)                   | 80 Max        | 10.05  |
| b.                 | Nitrogen Dioxide(NO <sub>2</sub> ), µg/m <sup>3</sup>      | IS:5182(P-6)                   | 80 Max        | 22.32  |
| c.                 | Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>  | IS:5182(P-23)                  | 100 Max       | 110.44 |
| d.                 | Particulate matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup> | STP/ITC/EW-01                  | 60 Max        | 54.29  |

  
Saurabh Sharma  
04-04-2022  
Reviewer

  
04-04-2022  
PremKumar  
[Authorized Signatory]

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## Test Report

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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2203291442<br><b>Sample Reg. Date</b> :29-03-2022<br><b>Report Date</b> :04-04-2022<br><b>Report No.</b> :ICE-2204040097<br><b>NABL ULR No.</b> :TC592622000005578F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
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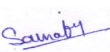
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| e. | Ozone(O <sub>3</sub> ),µg/m <sup>3</sup>                   | IS:5182(P-9)                                      | 180 Max | 16.24         |
| f. | Lead(As Pb),µg/m <sup>3</sup>                              | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max | BLQ(LOQ:0.1)  |
| g. | Carbon Monoxide(CO),mg/m <sup>3</sup>                      | IS:5182(P-10)                                     | 4 Max   | 1.5           |
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | 22.18         |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ (LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE** : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per NAAQS 2009.  
Sampling Procedure: SOP/ITC/EW/056

**REMARKS** :N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
04-04-2022  
Reviewer

  
04-04-2022  
PremKumar  
[Authorized Signatory]

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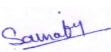
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2203291443<br><b>Sample Reg. Date</b> :29-03-2022<br><b>Report Date</b> :04-04-2022<br><b>Report No.</b> :ICE-2204040098<br><b>NABL ULR No.</b> :TC592622000005579F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                   |                       |
|-----------------------------------|-----------------------|
| <b>Test Report as per :</b>       | : NAAQS 2009          |
| <b>General Information :</b>      |                       |
| Location of Sampling Point        | : Near Shakti Vihar   |
| Date of Monitoring                | : 17-03-2022          |
| Time of Monitoring                | : 11:20 hrs           |
| Purpose of Monitoring             | : For Self Monitoring |
| Duration of Monitoring,minutes    | : 1440                |
| Avg. Flow Rate of Sampling,m3/min | : 1.34                |
| Volume of air sampled,m3          | : 1829.70             |
| Avg. Ambient Temperature,°C       | : 33                  |

| <b>Description</b> |                                                           |                                |               |        |
|--------------------|-----------------------------------------------------------|--------------------------------|---------------|--------|
| Description        |                                                           | Ambient Air Quality Monitoring |               |        |
| S.No.              | Parameters                                                | Method                         | Specification | Result |
|                    | <b>Discipline : Chemical</b>                              |                                |               |        |
|                    | <b>Group : Atmospheric Pollution</b>                      |                                |               |        |
| 1.                 | <b>Ambient Air Quality Parameters</b>                     |                                |               |        |
| a.                 | Sulphur Dioxide(SO <sub>2</sub> ),µg/m <sup>3</sup>       | IS:5182(P-2)                   | 80 Max        | 6.93   |
| b.                 | Nitrogen Dioxide(NO <sub>2</sub> ),µg/m <sup>3</sup>      | IS:5182(P-6)                   | 80 Max        | 10.96  |
| c.                 | Particulate Matter (PM <sub>10</sub> ),µg/m <sup>3</sup>  | IS:5182(P-23)                  | 100 Max       | 90.23  |
| d.                 | Particulate matter (PM <sub>2.5</sub> ),µg/m <sup>3</sup> | STP/ITC/EW-01                  | 60 Max        | 48.40  |

  
Saurabh Sharma  
04-04-2022  
Reviewer

  
04-04-2022  
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[Authorized Signatory]

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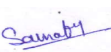
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| e. | Ozone(O <sub>3</sub> ),µg/m <sup>3</sup>                   | IS:5182(P-9)                                      | 180 Max | BLQ(LOQ:14)   |
| f. | Lead(As Pb),µg/m <sup>3</sup>                              | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max | BLQ(LOQ:0.1)  |
| g. | Carbon Monoxide(CO),mg/m <sup>3</sup>                      | IS:5182(P-10)                                     | 4 Max   | BLQ (LOQ:1.0) |
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | BLQ(LOQ:20)   |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ (LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

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**NOTE** : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per NAAQS 2009.  
Sampling Procedure: SOP/ITC/EW/056

**REMARKS** :N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
04-04-2022  
Reviewer

  
04-04-2022  
PremKumar  
[Authorized Signatory]

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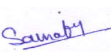
## Test Report

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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2203281424<br><b>Sample Reg. Date</b> :28-03-2022<br><b>Report Date</b> :02-04-2022<br><b>Report No.</b> :ICE-2204020032<br><b>NABL ULR No.</b> :TC592622000005465F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                   |                       |
|-----------------------------------|-----------------------|
| <b>Test Report as per :</b>       | : NAAQS 2009          |
| <b>General Information :</b>      |                       |
| Location of Sampling Point        | : Near Gate No.3      |
| Date of Monitoring                | : 21-03-2022          |
| Time of Monitoring                | : 10:50 hrs           |
| Purpose of Monitoring             | : For Self Monitoring |
| Duration of Monitoring,minutes    | : 1440                |
| Avg. Flow Rate of Sampling,m3/min | : 1.33                |
| Volume of air sampled,m3          | : 1834.03             |
| Avg. Ambient Temperature,°C       | : 30                  |

| <b>Description</b> |                                                           |                                |               |        |
|--------------------|-----------------------------------------------------------|--------------------------------|---------------|--------|
| Description        |                                                           | Ambient Air Quality Monitoring |               |        |
| S.No.              | Parameters                                                | Method                         | Specification | Result |
|                    | <b>Discipline : Chemical</b>                              |                                |               |        |
|                    | <b>Group : Atmospheric Pollution</b>                      |                                |               |        |
| 1.                 | <b>Ambient Air Quality Parameters</b>                     |                                |               |        |
| a.                 | Sulphur Dioxide(SO <sub>2</sub> ),µg/m <sup>3</sup>       | IS:5182(P-2)                   | 80 Max        | 6.86   |
| b.                 | Nitrogen Dioxide(NO <sub>2</sub> ),µg/m <sup>3</sup>      | IS:5182(P-6)                   | 80 Max        | 20.28  |
| c.                 | Particulate Matter (PM <sub>10</sub> ),µg/m <sup>3</sup>  | IS:5182(P-23)                  | 100 Max       | 97.44  |
| d.                 | Particulate matter (PM <sub>2.5</sub> ),µg/m <sup>3</sup> | STP/ITC/EW-01                  | 60 Max        | 50.08  |

  
Saurabh Sharma  
02-04-2022  
Reviewer

  
02-04-2022  
PremKumar  
[Authorized Signatory]

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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2203281424<br><b>Sample Reg. Date</b> :28-03-2022<br><b>Report Date</b> :02-04-2022<br><b>Report No.</b> :ICE-2204020032<br><b>NABL ULR No.</b> :TC592622000005465F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
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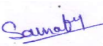
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| e. | Ozone(O <sub>3</sub> ),µg/m <sup>3</sup>                   | IS:5182(P-9)                                      | 180 Max | 18.20         |
| f. | Lead(As Pb),µg/m <sup>3</sup>                              | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max | BLQ(LOQ:0.1)  |
| g. | Carbon Monoxide(CO),mg/m <sup>3</sup>                      | IS:5182(P-10)                                     | 4 Max   | 1.3           |
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | 28.15         |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ (LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE** : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per NAAQS 2009.  
Sampling Procedure: SOP/ITC/EW/056

**REMARKS** :N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
02-04-2022  
Reviewer

  
02-04-2022  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
Panchkula-134109 (Haryana)  
Phone : (O) 0172-2561543, 2565825  
Email : customersupport@itclabs.com  
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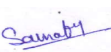
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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2203281423<br><b>Sample Reg. Date</b> :28-03-2022<br><b>Report Date</b> :02-04-2022<br><b>Report No.</b> :ICE-2204020031<br><b>NABL ULR No.</b> :TC592622000005464F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                 |                       |
|-------------------------------------------------|-----------------------|
| <b>Test Report as per :</b>                     | : NAAQS 2009          |
| <b>General Information :</b>                    |                       |
| Location of Sampling Point                      | : Near Block C-3      |
| Date of Monitoring                              | : 21-03-2022          |
| Time of Monitoring                              | : 10:50 hrs           |
| Purpose of Monitoring                           | : For Self Monitoring |
| Duration of Monitoring, minutes                 | : 1440                |
| Avg. Flow Rate of Sampling, m <sup>3</sup> /min | : 1.34                |
| Volume of air sampled, m <sup>3</sup>           | : 1847.82             |
| Avg. Ambient Temperature, °C                    | : 30                  |

| <b>Description</b> |                                                            |                                |               |        |
|--------------------|------------------------------------------------------------|--------------------------------|---------------|--------|
| Description        |                                                            | Ambient Air Quality Monitoring |               |        |
| S.No.              | Parameters                                                 | Method                         | Specification | Result |
|                    | <b>Discipline : Chemical</b>                               |                                |               |        |
|                    | <b>Group : Atmospheric Pollution</b>                       |                                |               |        |
| 1.                 | <b>Ambient Air Quality Parameters</b>                      |                                |               |        |
| a.                 | Sulphur Dioxide(SO <sub>2</sub> ), µg/m <sup>3</sup>       | IS:5182(P-2)                   | 80 Max        | 10.61  |
| b.                 | Nitrogen Dioxide(NO <sub>2</sub> ), µg/m <sup>3</sup>      | IS:5182(P-6)                   | 80 Max        | 16.98  |
| c.                 | Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>  | IS:5182(P-23)                  | 100 Max       | 99.09  |
| d.                 | Particulate matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup> | STP/ITC/EW-01                  | 60 Max        | 47.98  |

  
Saurabh Sharma  
02-04-2022  
Reviewer

  
02-04-2022  
PremKumar  
[Authorized Signatory]

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## Test Report

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2203281423<br><b>Sample Reg. Date</b> :28-03-2022<br><b>Report Date</b> :02-04-2022<br><b>Report No.</b> :ICE-2204020031<br><b>NABL ULR No.</b> :TC592622000005464F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

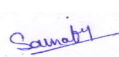
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| e. | Ozone(O <sub>3</sub> ),µg/m <sup>3</sup>                   | IS:5182(P-9)                                      | 180 Max | 16.32         |
| f. | Lead(As Pb),µg/m <sup>3</sup>                              | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max | BLQ(LOQ:0.1)  |
| g. | Carbon Monoxide(CO),mg/m <sup>3</sup>                      | IS:5182(P-10)                                     | 4 Max   | BLQ (LOQ:1.0) |
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | 23.14         |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ (LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE** : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per NAAQS 2009.  
Sampling Procedure: SOP/ITC/EW/056

**REMARKS** :N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
02-04-2022  
Reviewer

  
02-04-2022  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
Panchkula-134109 (Haryana)  
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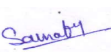
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> : E01-2203281425<br><b>Sample Reg. Date</b> : 28-03-2022<br><b>Report Date</b> : 02-04-2022<br><b>Report No.</b> : ICE-2204020033<br><b>NABL ULR No.</b> : TC592622000005466F<br><b>Customer Ref. No.</b> : Order No.5030010814<br><b>Letter Dated</b> : 29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                 |                       |
|-------------------------------------------------|-----------------------|
| <b>Test Report as per :</b>                     | : NAAQS 2009          |
| <b>General Information :</b>                    |                       |
| Location of Sampling Point                      | : Village-Khanpur     |
| Date of Monitoring                              | : 21-03-2022          |
| Time of Monitoring                              | : 10:30 hrs           |
| Purpose of Monitoring                           | : For Self Monitoring |
| Duration of Monitoring, minutes                 | : 1440                |
| Avg. Flow Rate of Sampling, m <sup>3</sup> /min | : 1.34                |
| Volume of air sampled, m <sup>3</sup>           | : 1841.74             |
| Avg. Ambient Temperature, °C                    | : 31                  |

| <b>Description</b> |                                                            |                                |               |        |
|--------------------|------------------------------------------------------------|--------------------------------|---------------|--------|
| Description        |                                                            | Ambient Air Quality Monitoring |               |        |
| S.No.              | Parameters                                                 | Method                         | Specification | Result |
|                    | <b>Discipline : Chemical</b>                               |                                |               |        |
|                    | <b>Group : Atmospheric Pollution</b>                       |                                |               |        |
| 1.                 | <b>Ambient Air Quality Parameters</b>                      |                                |               |        |
| a.                 | Sulphur Dioxide(SO <sub>2</sub> ), µg/m <sup>3</sup>       | IS:5182(P-2)                   | 80 Max        | 10.01  |
| b.                 | Nitrogen Dioxide(NO <sub>2</sub> ), µg/m <sup>3</sup>      | IS:5182(P-6)                   | 80 Max        | 17.51  |
| c.                 | Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>  | IS:5182(P-23)                  | 100 Max       | 103.22 |
| d.                 | Particulate matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup> | STP/ITC/EW-01                  | 60 Max        | 52.61  |

  
Saurabh Sharma  
02-04-2022  
Reviewer

  
02-04-2022  
PremKumar  
[Authorized Signatory]

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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2203281425<br><b>Sample Reg. Date</b> :28-03-2022<br><b>Report Date</b> :02-04-2022<br><b>Report No.</b> :ICE-2204020033<br><b>NABL ULR No.</b> :TC592622000005466F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
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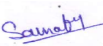
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| e. | Ozone(O <sub>3</sub> ),µg/m <sup>3</sup>                   | IS:5182(P-9)                                      | 180 Max | BLQ(LOQ:14)   |
| f. | Lead(As Pb),µg/m <sup>3</sup>                              | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max | BLQ(LOQ:0.1)  |
| g. | Carbon Monoxide(CO),mg/m <sup>3</sup>                      | IS:5182(P-10)                                     | 4 Max   | 1.4           |
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | BLQ(LOQ:20)   |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ (LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE** : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per NAAQS 2009.  
Sampling Procedure: SOP/ITC/EW/056

**REMARKS** :N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
02-04-2022  
Reviewer

  
02-04-2022  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
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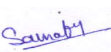
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2203281426<br><b>Sample Reg. Date</b> :28-03-2022<br><b>Report Date</b> :02-04-2022<br><b>Report No.</b> :ICE-2204020034<br><b>NABL ULR No.</b> :TC592622000005467F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                   |                       |
|-----------------------------------|-----------------------|
| <b>Test Report as per :</b>       | : NAAQS 2009          |
| <b>General Information :</b>      |                       |
| Location of Sampling Point        | : Near Shakti Vihar   |
| Date of Monitoring                | : 21-03-2022          |
| Time of Monitoring                | : 12:00 hrs           |
| Purpose of Monitoring             | : For Self Monitoring |
| Duration of Monitoring,minutes    | : 1440                |
| Avg. Flow Rate of Sampling,m3/min | : 1.34                |
| Volume of air sampled,m3          | : 1829.70             |
| Avg. Ambient Temperature,°C       | : 33                  |

| <b>Description</b> |                                                           |                                |               |        |
|--------------------|-----------------------------------------------------------|--------------------------------|---------------|--------|
| Description        |                                                           | Ambient Air Quality Monitoring |               |        |
| S.No.              | Parameters                                                | Method                         | Specification | Result |
|                    | <b>Discipline : Chemical</b>                              |                                |               |        |
|                    | <b>Group : Atmospheric Pollution</b>                      |                                |               |        |
| 1.                 | <b>Ambient Air Quality Parameters</b>                     |                                |               |        |
| a.                 | Sulphur Dioxide(SO <sub>2</sub> ),µg/m <sup>3</sup>       | IS:5182(P-2)                   | 80 Max        | 6.30   |
| b.                 | Nitrogen Dioxide(NO <sub>2</sub> ),µg/m <sup>3</sup>      | IS:5182(P-6)                   | 80 Max        | 10.00  |
| c.                 | Particulate Matter (PM <sub>10</sub> ),µg/m <sup>3</sup>  | IS:5182(P-23)                  | 100 Max       | 90.29  |
| d.                 | Particulate matter (PM <sub>2.5</sub> ),µg/m <sup>3</sup> | STP/ITC/EW-01                  | 60 Max        | 46.30  |

  
Saurabh Sharma  
02-04-2022  
Reviewer

  
02-04-2022  
PremKumar  
[Authorized Signatory]

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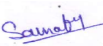
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| e. | Ozone(O <sub>3</sub> ),µg/m <sup>3</sup>                   | IS:5182(P-9)                                      | 180 Max | BLQ(LOQ:14)   |
| f. | Lead(As Pb),µg/m <sup>3</sup>                              | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max | BLQ(LOQ:0.1)  |
| g. | Carbon Monoxide(CO),mg/m <sup>3</sup>                      | IS:5182(P-10)                                     | 4 Max   | BLQ (LOQ:1.0) |
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | BLQ(LOQ:20)   |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ (LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE** : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per NAAQS 2009.  
Sampling Procedure: SOP/ITC/EW/056

**REMARKS** :N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
02-04-2022  
Reviewer

  
02-04-2022  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2203281428<br><b>Sample Reg. Date</b> :28-03-2022<br><b>Report Date</b> :02-04-2022<br><b>Report No.</b> :ICE-2204020035<br><b>NABL ULR No.</b> :TC592622000005468F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                   |                       |
|-----------------------------------|-----------------------|
| <b>Test Report as per :</b>       | : NAAQS 2009          |
| <b>General Information :</b>      |                       |
| Location of Sampling Point        | : Near Gate No.3      |
| Date of Monitoring                | : 24-03-2022          |
| Time of Monitoring                | : 10:50 hrs           |
| Purpose of Monitoring             | : For Self Monitoring |
| Duration of Monitoring,minutes    | : 1440                |
| Avg. Flow Rate of Sampling,m3/min | : 1.34                |
| Volume of air sampled,m3          | : 1885.15             |
| Avg. Ambient Temperature,°C       | : 24                  |

| <b>Description</b> |                                                           |                                |               |        |
|--------------------|-----------------------------------------------------------|--------------------------------|---------------|--------|
| Description        |                                                           | Ambient Air Quality Monitoring |               |        |
| S.No.              | Parameters                                                | Method                         | Specification | Result |
|                    | <b>Discipline : Chemical</b>                              |                                |               |        |
|                    | <b>Group : Atmospheric Pollution</b>                      |                                |               |        |
| 1.                 | <b>Ambient Air Quality Parameters</b>                     |                                |               |        |
| a.                 | Sulphur Dioxide(SO <sub>2</sub> ),µg/m <sup>3</sup>       | IS:5182(P-2)                   | 80 Max        | 7      |
| b.                 | Nitrogen Dioxide(NO <sub>2</sub> ),µg/m <sup>3</sup>      | IS:5182(P-6)                   | 80 Max        | 21     |
| c.                 | Particulate Matter (PM <sub>10</sub> ),µg/m <sup>3</sup>  | IS:5182(P-23)                  | 100 Max       | 106    |
| d.                 | Particulate matter (PM <sub>2.5</sub> ),µg/m <sup>3</sup> | STP/ITC/EW-01                  | 60 Max        | 54     |

Saurabh Sharma  
02-04-2022  
Reviewer

02-04-2022  
PremKumar  
[Authorized Signatory]

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## Test Report

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2203281428<br><b>Sample Reg. Date</b> :28-03-2022<br><b>Report Date</b> :02-04-2022<br><b>Report No.</b> :ICE-2204020035<br><b>NABL ULR No.</b> :TC592622000005468F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

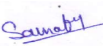
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| e. | Ozone(O <sub>3</sub> ),µg/m <sup>3</sup>                   | IS:5182(P-9)                                      | 180 Max | 19            |
| f. | Lead(As Pb),µg/m <sup>3</sup>                              | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max | BLQ(LOQ:0.1)  |
| g. | Carbon Monoxide(CO),mg/m <sup>3</sup>                      | IS:5182(P-10)                                     | 4 Max   | 1.2           |
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | 22            |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ (LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE** : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per NAAQS 2009.  
Sampling Procedure: SOP/ITC/EW/056

**REMARKS** :N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
02-04-2022  
Reviewer

  
02-04-2022  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
Panchkula-134109 (Haryana)  
Phone : (O) 0172-2561543, 2565825  
Email : customersupport@itclabs.com  
Visit us :www.itclabs.com

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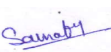
## Test Report

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|                                                                                                             |                                                                                                                                                                                                                                                                                            |
|-------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> : E01-2203281427<br><b>Sample Reg. Date</b> : 28-03-2022<br><b>Report Date</b> : 02-04-2022<br><b>Report No.</b> : ICE-2204020038<br><b>NABL ULR No.</b> : TC592622000005485F<br><b>Customer Ref. No.</b> : Order No.5030010814<br><b>Letter Dated</b> : 29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                 |                       |
|-------------------------------------------------|-----------------------|
| <b>Test Report as per :</b>                     | : NAAQS 2009          |
| <b>General Information :</b>                    |                       |
| Location of Sampling Point                      | : Near Block C-6      |
| Date of Monitoring                              | : 24-03-2022          |
| Time of Monitoring                              | : 11:00 hrs           |
| Purpose of Monitoring                           | : For Self Monitoring |
| Duration of Monitoring, minutes                 | : 1440                |
| Avg. Flow Rate of Sampling, m <sup>3</sup> /min | : 1.32                |
| Volume of air sampled, m <sup>3</sup>           | : 1844.59             |
| Avg. Ambient Temperature, °C                    | : 26                  |

| <b>Description</b> |                                                            |                                |               |        |
|--------------------|------------------------------------------------------------|--------------------------------|---------------|--------|
| Description        |                                                            | Ambient Air Quality Monitoring |               |        |
| S.No.              | Parameters                                                 | Method                         | Specification | Result |
|                    | <b>Discipline : Chemical</b>                               |                                |               |        |
|                    | <b>Group : Atmospheric Pollution</b>                       |                                |               |        |
| 1.                 | <b>Ambient Air Quality Parameters</b>                      |                                |               |        |
| a.                 | Sulphur Dioxide(SO <sub>2</sub> ), µg/m <sup>3</sup>       | IS:5182(P-2)                   | 80 Max        | 8.00   |
| b.                 | Nitrogen Dioxide(NO <sub>2</sub> ), µg/m <sup>3</sup>      | IS:5182(P-6)                   | 80 Max        | 12.10  |
| c.                 | Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>  | IS:5182(P-23)                  | 100 Max       | 110.49 |
| d.                 | Particulate matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup> | STP/ITC/EW-01                  | 60 Max        | 51.35  |

  
Saurabh Sharma  
02-04-2022  
Reviewer

  
02-04-2022  
PremKumar  
[Authorized Signatory]

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## Test Report

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2203281427<br><b>Sample Reg. Date</b> :28-03-2022<br><b>Report Date</b> :02-04-2022<br><b>Report No.</b> :ICE-2204020038<br><b>NABL ULR No.</b> :TC592622000005485F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

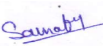
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| e. | Ozone(O <sub>3</sub> ),µg/m <sup>3</sup>                   | IS:5182(P-9)                                      | 180 Max | 18.48         |
| f. | Lead(As Pb),µg/m <sup>3</sup>                              | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max | BLQ(LOQ:0.1)  |
| g. | Carbon Monoxide(CO),mg/m <sup>3</sup>                      | IS:5182(P-10)                                     | 4 Max   | 1.1           |
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | 24.19         |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ (LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE** : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per NAAQS 2009.  
Sampling Procedure: SOP/ITC/EW/056

**REMARKS** :N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
02-04-2022  
Reviewer

  
02-04-2022  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
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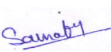
## Test Report

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2203281429<br><b>Sample Reg. Date</b> :28-03-2022<br><b>Report Date</b> :02-04-2022<br><b>Report No.</b> :ICE-2204020036<br><b>NABL ULR No.</b> :TC592622000005469F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                   |                       |
|-----------------------------------|-----------------------|
| <b>Test Report as per :</b>       | : NAAQS 2009          |
| <b>General Information :</b>      |                       |
| Location of Sampling Point        | : Village-Khanpur     |
| Date of Monitoring                | : 24-03-2022          |
| Time of Monitoring                | : 10:30 hrs           |
| Purpose of Monitoring             | : For Self Monitoring |
| Duration of Monitoring,minutes    | : 1440                |
| Avg. Flow Rate of Sampling,m3/min | : 1.33                |
| Volume of air sampled,m3          | : 1827.99             |
| Avg. Ambient Temperature,°C       | : 31                  |

| <b>Description</b> |                                                           |                                |               |        |
|--------------------|-----------------------------------------------------------|--------------------------------|---------------|--------|
| Description        |                                                           | Ambient Air Quality Monitoring |               |        |
| S.No.              | Parameters                                                | Method                         | Specification | Result |
|                    | <b>Discipline : Chemical</b>                              |                                |               |        |
|                    | <b>Group : Atmospheric Pollution</b>                      |                                |               |        |
| 1.                 | <b>Ambient Air Quality Parameters</b>                     |                                |               |        |
| a.                 | Sulphur Dioxide(SO <sub>2</sub> ),µg/m <sup>3</sup>       | IS:5182(P-2)                   | 80 Max        | 11.27  |
| b.                 | Nitrogen Dioxide(NO <sub>2</sub> ),µg/m <sup>3</sup>      | IS:5182(P-6)                   | 80 Max        | 17.04  |
| c.                 | Particulate Matter (PM <sub>10</sub> ),µg/m <sup>3</sup>  | IS:5182(P-23)                  | 100 Max       | 130.20 |
| d.                 | Particulate matter (PM <sub>2.5</sub> ),µg/m <sup>3</sup> | STP/ITC/EW-01                  | 60 Max        | 58.50  |

  
Saurabh Sharma  
02-04-2022  
Reviewer

  
02-04-2022  
PremKumar  
[Authorized Signatory]

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## Test Report

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2203281429<br><b>Sample Reg. Date</b> :28-03-2022<br><b>Report Date</b> :02-04-2022<br><b>Report No.</b> :ICE-2204020036<br><b>NABL ULR No.</b> :TC592622000005469F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
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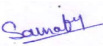
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| e. | Ozone(O <sub>3</sub> ),µg/m <sup>3</sup>                   | IS:5182(P-9)                                      | 180 Max | 19.37         |
| f. | Lead(As Pb),µg/m <sup>3</sup>                              | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max | BLQ(LOQ:0.1)  |
| g. | Carbon Monoxide(CO),mg/m <sup>3</sup>                      | IS:5182(P-10)                                     | 4 Max   | 1.4           |
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | 30.20         |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ (LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE** : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per NAAQS 2009.  
Sampling Procedure: SOP/ITC/EW/056

**REMARKS** :N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
02-04-2022  
Reviewer

  
02-04-2022  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
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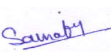
## Test Report

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2203281430<br><b>Sample Reg. Date</b> :28-03-2022<br><b>Report Date</b> :02-04-2022<br><b>Report No.</b> :ICE-2204020037<br><b>NABL ULR No.</b> :TC592622000005470F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                   |                       |
|-----------------------------------|-----------------------|
| <b>Test Report as per :</b>       | : NAAQS 2009          |
| <b>General Information :</b>      |                       |
| Location of Sampling Point        | : Near Shakti Vihar   |
| Date of Monitoring                | : 24-03-2022          |
| Time of Monitoring                | : 11:30 hrs           |
| Purpose of Monitoring             | : For Self Monitoring |
| Duration of Monitoring,minutes    | : 1440                |
| Avg. Flow Rate of Sampling,m3/min | : 1.34                |
| Volume of air sampled,m3          | : 1841.74             |
| Avg. Ambient Temperature,°C       | : 31                  |

| <b>Description</b> |                                                           |                                |               |        |
|--------------------|-----------------------------------------------------------|--------------------------------|---------------|--------|
| Description        |                                                           | Ambient Air Quality Monitoring |               |        |
| S.No.              | Parameters                                                | Method                         | Specification | Result |
|                    | <b>Discipline : Chemical</b>                              |                                |               |        |
|                    | <b>Group : Atmospheric Pollution</b>                      |                                |               |        |
| 1.                 | <b>Ambient Air Quality Parameters</b>                     |                                |               |        |
| a.                 | Sulphur Dioxide(SO <sub>2</sub> ),µg/m <sup>3</sup>       | IS:5182(P-2)                   | 80 Max        | 7.51   |
| b.                 | Nitrogen Dioxide(NO <sub>2</sub> ),µg/m <sup>3</sup>      | IS:5182(P-6)                   | 80 Max        | 13.73  |
| c.                 | Particulate Matter (PM <sub>10</sub> ),µg/m <sup>3</sup>  | IS:5182(P-23)                  | 100 Max       | 100.56 |
| d.                 | Particulate matter (PM <sub>2.5</sub> ),µg/m <sup>3</sup> | STP/ITC/EW-01                  | 60 Max        | 43.35  |

  
Saurabh Sharma  
02-04-2022  
Reviewer

  
02-04-2022  
PremKumar  
[Authorized Signatory]

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## Test Report

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2203281430<br><b>Sample Reg. Date</b> :28-03-2022<br><b>Report Date</b> :02-04-2022<br><b>Report No.</b> :ICE-2204020037<br><b>NABL ULR No.</b> :TC592622000005470F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
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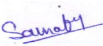
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| e. | Ozone(O <sub>3</sub> ),µg/m <sup>3</sup>                   | IS:5182(P-9)                                      | 180 Max | BLQ(LOQ:14)   |
| f. | Lead(As Pb),µg/m <sup>3</sup>                              | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max | BLQ(LOQ:0.1)  |
| g. | Carbon Monoxide(CO),mg/m <sup>3</sup>                      | IS:5182(P-10)                                     | 4 Max   | BLQ (LOQ:1.0) |
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | BLQ(LOQ:20)   |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ (LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE** : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per NAAQS 2009.  
Sampling Procedure: SOP/ITC/EW/056

**REMARKS** :N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
02-04-2022  
Reviewer

  
02-04-2022  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
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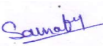


## Test Report

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2204010026<br><b>Sample Reg. Date</b> :01-04-2022<br><b>Report Date</b> :08-04-2022<br><b>Report No.</b> :ICE-2204080299<br><b>NABL ULR No.</b> :TC592622000005738F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                   |                       |
|-----------------------------------|-----------------------|
| <b>Test Report as per :</b>       | : NAAQS 2009          |
| <b>General Information :</b>      |                       |
| Location of Sampling Point        | : Near Gate No.3      |
| Date of Monitoring                | : 28-03-2022          |
| Time of Monitoring                | : 10:45 hrs           |
| Purpose of Monitoring             | : For Self Monitoring |
| Duration of Monitoring,minutes    | : 1440                |
| Avg. Flow Rate of Sampling,m3/min | : 1.34                |
| Volume of air sampled,m3          | : 1811.94             |
| Avg. Ambient Temperature,°C       | : 36                  |

| <b>Description</b> |                                                           |               |               |        |
|--------------------|-----------------------------------------------------------|---------------|---------------|--------|
| Description        | Ambient Air Quality Monitoring                            |               |               |        |
|                    |                                                           |               |               |        |
| S.No.              | Parameters                                                | Method        | Specification | Result |
|                    | <b>Discipline : Chemical</b>                              |               |               |        |
|                    | <b>Group : Atmospheric Pollution</b>                      |               |               |        |
| <b>1.</b>          | <b>Ambient Air Quality Parameters</b>                     |               |               |        |
| a.                 | Sulphur Dioxide(SO <sub>2</sub> ),µg/m <sup>3</sup>       | IS:5182(P-2)  | 80 Max        | 10.25  |
| b.                 | Nitrogen Dioxide(NO <sub>2</sub> ),µg/m <sup>3</sup>      | IS:5182(P-6)  | 80 Max        | 19.11  |
| c.                 | Particulate Matter (PM <sub>10</sub> ),µg/m <sup>3</sup>  | IS:5182(P-23) | 100 Max       | 93.65  |
| d.                 | Particulate matter (PM <sub>2.5</sub> ),µg/m <sup>3</sup> | STP/ITC/EW-01 | 60 Max        | 40.12  |

  
Saurabh Sharma  
08-04-2022  
Reviewer

  
08-04-2022  
PremKumar  
[Authorized Signatory]

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## Test Report

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2204010026<br><b>Sample Reg. Date</b> :01-04-2022<br><b>Report Date</b> :08-04-2022<br><b>Report No.</b> :ICE-2204080299<br><b>NABL ULR No.</b> :TC592622000005738F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

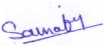
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| e. | Ozone(O <sub>3</sub> ),µg/m <sup>3</sup>                   | IS:5182(P-9)                                      | 180 Max | 20.20         |
| f. | Lead(As Pb),µg/m <sup>3</sup>                              | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max | BLQ(LOQ:0.1)  |
| g. | Carbon Monoxide(CO),mg/m <sup>3</sup>                      | IS:5182(P-10)                                     | 4 Max   | 1.4           |
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | 25.12         |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ (LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE** : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per NAAQS 2009.  
Sampling Procedure: SOP/ITC/EW/056

**REMARKS** :N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
08-04-2022  
Reviewer

  
08-04-2022  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
Panchkula-134109 (Haryana)  
Phone : (O) 0172-2561543, 2565825  
Email : customersupport@itclabs.com  
Visit us :www.itclabs.com

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## Test Report

Document QF : 2501  
Page 1 of 2

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2204010025<br><b>Sample Reg. Date</b> :01-04-2022<br><b>Report Date</b> :08-04-2022<br><b>Report No.</b> :ICE-2204080298<br><b>NABL ULR No.</b> :TC592622000005737F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                 |                       |
|-------------------------------------------------|-----------------------|
| <b>Test Report as per :</b>                     | : NAAQS 2009          |
| <b>General Information :</b>                    |                       |
| Location of Sampling Point                      | : Near Block C-3      |
| Date of Monitoring                              | : 28-03-2022          |
| Time of Monitoring                              | : 10:55 hrs           |
| Purpose of Monitoring                           | : For Self Monitoring |
| Duration of Monitoring, minutes                 | : 1440                |
| Avg. Flow Rate of Sampling, m <sup>3</sup> /min | : 1.34                |
| Volume of air sampled, m <sup>3</sup>           | : 1811.94             |
| Avg. Ambient Temperature, °C                    | : 36                  |

| <b>Description</b> |                                                            |                                |               |        |
|--------------------|------------------------------------------------------------|--------------------------------|---------------|--------|
| Description        |                                                            | Ambient Air Quality Monitoring |               |        |
| S.No.              | Parameters                                                 | Method                         | Specification | Result |
|                    | <b>Discipline : Chemical</b>                               |                                |               |        |
|                    | <b>Group : Atmospheric Pollution</b>                       |                                |               |        |
| 1.                 | <b>Ambient Air Quality Parameters</b>                      |                                |               |        |
| a.                 | Sulphur Dioxide(SO <sub>2</sub> ), µg/m <sup>3</sup>       | IS:5182(P-2)                   | 80 Max        | 8.97   |
| b.                 | Nitrogen Dioxide(NO <sub>2</sub> ), µg/m <sup>3</sup>      | IS:5182(P-6)                   | 80 Max        | 10.19  |
| c.                 | Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>  | IS:5182(P-23)                  | 100 Max       | 92.05  |
| d.                 | Particulate matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup> | STP/ITC/EW-01                  | 60 Max        | 40.40  |

Saurabh Sharma  
08-04-2022  
Reviewer

08-04-2022  
PremKumar  
[Authorized Signatory]

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## Test Report

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2204010025<br><b>Sample Reg. Date</b> :01-04-2022<br><b>Report Date</b> :08-04-2022<br><b>Report No.</b> :ICE-2204080298<br><b>NABL ULR No.</b> :TC592622000005737F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

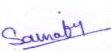
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| e. | Ozone(O <sub>3</sub> ),µg/m <sup>3</sup>                   | IS:5182(P-9)                                      | 180 Max | BLQ(LOQ:14)   |
| f. | Lead(As Pb),µg/m <sup>3</sup>                              | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max | BLQ(LOQ:0.1)  |
| g. | Carbon Monoxide(CO),mg/m <sup>3</sup>                      | IS:5182(P-10)                                     | 4 Max   | 1.2           |
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | BLQ(LOQ:20)   |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ (LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE** : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per NAAQS 2009.  
Sampling Procedure: SOP/ITC/EW/056

**REMARKS** :N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
08-04-2022  
Reviewer

  
08-04-2022  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
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Panchkula-134109 (Haryana)  
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## Test Report

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|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2204010028<br><b>Sample Reg. Date</b> :01-04-2022<br><b>Report Date</b> :08-04-2022<br><b>Report No.</b> :ICE-2204080301<br><b>NABL ULR No.</b> :TC592622000005740F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                   |                       |
|-----------------------------------|-----------------------|
| <b>Test Report as per :</b>       | : NAAQS 2009          |
| <b>General Information :</b>      |                       |
| Location of Sampling Point        | : Near Shakti Vihar   |
| Date of Monitoring                | : 28-03-2022          |
| Time of Monitoring                | : 11:20 hrs           |
| Purpose of Monitoring             | : For Self Monitoring |
| Duration of Monitoring,minutes    | : 1440                |
| Avg. Flow Rate of Sampling,m3/min | : 1.33                |
| Volume of air sampled,m3          | : 1792.61             |
| Avg. Ambient Temperature,°C       | : 37                  |

| Description |                                   |                                |               |        |
|-------------|-----------------------------------|--------------------------------|---------------|--------|
| Description |                                   | Ambient Air Quality Monitoring |               |        |
|             |                                   |                                |               |        |
| S.No.       | Parameters                        | Method                         | Specification | Result |
|             | Discipline : Chemical             |                                |               |        |
|             | Group : Atmospheric Pollution     |                                |               |        |
| 1.          | Ambient Air Quality Parameters    |                                |               |        |
| a.          | Sulphur Dioxide(SO2),µg/m3        | IS:5182(P-2)                   | 80 Max        | 8.25   |
| b.          | Nitrogen Dioxide(NO2),µg/m3       | IS:5182(P-6)                   | 80 Max        | 10.32  |
| c.          | Particulate Matter (PM10),µg/m3   | IS:5182(P-23)                  | 100 Max       | 93.25  |
| d.          | Particulate matter (PM 2.5),µg/m3 | STP/ITC/EW-01                  | 60 Max        | 37.04  |

*Saurabh Sharma*  
Saurabh Sharma  
08-04-2022  
Reviewer

*PremKumar*  
08-04-2022  
PremKumar  
[Authorized Signatory]

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## Test Report

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2204010028<br><b>Sample Reg. Date</b> :01-04-2022<br><b>Report Date</b> :08-04-2022<br><b>Report No.</b> :ICE-2204080301<br><b>NABL ULR No.</b> :TC592622000005740F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
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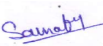
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| e. | Ozone(O <sub>3</sub> ),µg/m <sup>3</sup>                   | IS:5182(P-9)                                      | 180 Max | BLQ(LOQ:14)   |
| f. | Lead(As Pb),µg/m <sup>3</sup>                              | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max | BLQ(LOQ:0.1)  |
| g. | Carbon Monoxide(CO),mg/m <sup>3</sup>                      | IS:5182(P-10)                                     | 4 Max   | BLQ (LOQ:1.0) |
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | BLQ(LOQ:20)   |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ (LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE** : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per NAAQS 2009.  
Sampling Procedure: SOP/ITC/EW/056

**REMARKS** :N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
08-04-2022  
Reviewer

  
08-04-2022  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
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### Disclaimer :

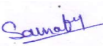
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## Test Report

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2204010027<br><b>Sample Reg. Date</b> :01-04-2022<br><b>Report Date</b> :08-04-2022<br><b>Report No.</b> :ICE-2204080300<br><b>NABL ULR No.</b> :TC592622000005739F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                   |                       |
|-----------------------------------|-----------------------|
| <b>Test Report as per :</b>       | : NAAQS 2009          |
| <b>General Information :</b>      |                       |
| Location of Sampling Point        | : Village-Khanpur     |
| Date of Monitoring                | : 28-03-2022          |
| Time of Monitoring                | : 10:30 hrs           |
| Purpose of Monitoring             | : For Self Monitoring |
| Duration of Monitoring,minutes    | : 1440                |
| Avg. Flow Rate of Sampling,m3/min | : 1.31                |
| Volume of air sampled,m3          | : 1777.12             |
| Avg. Ambient Temperature,°C       | : 35                  |

| <b>Description</b> |                                                           |                                |               |        |
|--------------------|-----------------------------------------------------------|--------------------------------|---------------|--------|
| Description        |                                                           | Ambient Air Quality Monitoring |               |        |
| S.No.              | Parameters                                                | Method                         | Specification | Result |
|                    | <b>Discipline : Chemical</b>                              |                                |               |        |
|                    | <b>Group : Atmospheric Pollution</b>                      |                                |               |        |
| 1.                 | <b>Ambient Air Quality Parameters</b>                     |                                |               |        |
| a.                 | Sulphur Dioxide(SO <sub>2</sub> ),µg/m <sup>3</sup>       | IS:5182(P-2)                   | 80 Max        | 14.35  |
| b.                 | Nitrogen Dioxide(NO <sub>2</sub> ),µg/m <sup>3</sup>      | IS:5182(P-6)                   | 80 Max        | 21.66  |
| c.                 | Particulate Matter (PM <sub>10</sub> ),µg/m <sup>3</sup>  | IS:5182(P-23)                  | 100 Max       | 109.36 |
| d.                 | Particulate matter (PM <sub>2.5</sub> ),µg/m <sup>3</sup> | STP/ITC/EW-01                  | 60 Max        | 46.30  |

  
Saurabh Sharma  
08-04-2022  
Reviewer

  
08-04-2022  
PremKumar  
[Authorized Signatory]

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## Test Report

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2204010027<br><b>Sample Reg. Date</b> :01-04-2022<br><b>Report Date</b> :08-04-2022<br><b>Report No.</b> :ICE-2204080300<br><b>NABL ULR No.</b> :TC592622000005739F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

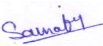
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| e. | Ozone(O <sub>3</sub> ),µg/m <sup>3</sup>                   | IS:5182(P-9)                                      | 180 Max | 20.36         |
| f. | Lead(As Pb),µg/m <sup>3</sup>                              | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max | BLQ(LOQ:0.1)  |
| g. | Carbon Monoxide(CO),mg/m <sup>3</sup>                      | IS:5182(P-10)                                     | 4 Max   | 1.5           |
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | 25.25         |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ (LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE** : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per NAAQS 2009.  
Sampling Procedure: SOP/ITC/EW/056

**REMARKS** :N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
08-04-2022  
Reviewer

  
08-04-2022  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
Panchkula-134109 (Haryana)  
Phone : (O) 0172-2561543, 2565825  
Email : customersupport@itclabs.com  
Visit us :www.itclabs.com

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## Test Report

Document QF : 2501  
Page 1 of 2

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2204010030<br><b>Sample Reg. Date</b> :01-04-2022<br><b>Report Date</b> :08-04-2022<br><b>Report No.</b> :ICE-2204080303<br><b>NABL ULR No.</b> :TC592622000005747F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                   |                       |
|-----------------------------------|-----------------------|
| <b>Test Report as per :</b>       | : NAAQS 2009          |
| <b>General Information :</b>      |                       |
| Location of Sampling Point        | : Near Gate No.3      |
| Date of Monitoring                | : 31-03-2022          |
| Time of Monitoring                | : 11:00 hrs           |
| Purpose of Monitoring             | : For Self Monitoring |
| Duration of Monitoring,minutes    | : 1440                |
| Avg. Flow Rate of Sampling,m3/min | : 1.33                |
| Volume of air sampled,m3          | : 1798.42             |
| Avg. Ambient Temperature,°C       | : 36                  |

| <b>Description</b> |                                                           |                                |               |        |
|--------------------|-----------------------------------------------------------|--------------------------------|---------------|--------|
| Description        |                                                           | Ambient Air Quality Monitoring |               |        |
| S.No.              | Parameters                                                | Method                         | Specification | Result |
|                    | <b>Discipline : Chemical</b>                              |                                |               |        |
|                    | <b>Group : Atmospheric Pollution</b>                      |                                |               |        |
| 1.                 | <b>Ambient Air Quality Parameters</b>                     |                                |               |        |
| a.                 | Sulphur Dioxide(SO <sub>2</sub> ),µg/m <sup>3</sup>       | IS:5182(P-2)                   | 80 Max        | 9.02   |
| b.                 | Nitrogen Dioxide(NO <sub>2</sub> ),µg/m <sup>3</sup>      | IS:5182(P-6)                   | 80 Max        | 13.17  |
| c.                 | Particulate Matter (PM <sub>10</sub> ),µg/m <sup>3</sup>  | IS:5182(P-23)                  | 100 Max       | 123.22 |
| d.                 | Particulate matter (PM <sub>2.5</sub> ),µg/m <sup>3</sup> | STP/ITC/EW-01                  | 60 Max        | 57.24  |

Saurabh Sharma  
08-04-2022  
Reviewer

08-04-2022  
PremKumar  
[Authorized Signatory]

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## Test Report

Document QF : 2501  
Page 2 of 2

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2204010030<br><b>Sample Reg. Date</b> :01-04-2022<br><b>Report Date</b> :08-04-2022<br><b>Report No.</b> :ICE-2204080303<br><b>NABL ULR No.</b> :TC592622000005747F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

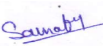
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| e. | Ozone(O <sub>3</sub> ),µg/m <sup>3</sup>                   | IS:5182(P-9)                                      | 180 Max | 21.23         |
| f. | Lead(As Pb),µg/m <sup>3</sup>                              | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max | BLQ(LOQ:0.1)  |
| g. | Carbon Monoxide(CO),mg/m <sup>3</sup>                      | IS:5182(P-10)                                     | 4 Max   | 1.5           |
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | 25.18         |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ (LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE** : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per NAAQS 2009.  
Sampling Procedure: SOP/ITC/EW/056

**REMARKS** :N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
08-04-2022  
Reviewer

  
08-04-2022  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
Panchkula-134109 (Haryana)  
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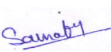
## Test Report

Document QF : 2501  
Page 1 of 2

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|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2204010029<br><b>Sample Reg. Date</b> :01-04-2022<br><b>Report Date</b> :08-04-2022<br><b>Report No.</b> :ICE-2204080302<br><b>NABL ULR No.</b> :TC592622000005746F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                   |                       |
|-----------------------------------|-----------------------|
| <b>Test Report as per :</b>       | : NAAQS 2009          |
| <b>General Information :</b>      |                       |
| Location of Sampling Point        | : Near Block C-6      |
| Date of Monitoring                | : 31-03-2022          |
| Time of Monitoring                | : 11:20 hrs           |
| Purpose of Monitoring             | : For Self Monitoring |
| Duration of Monitoring,minutes    | : 1440                |
| Avg. Flow Rate of Sampling,m3/min | : 1.33                |
| Volume of air sampled,m3          | : 1798.42             |
| Avg. Ambient Temperature,°C       | : 36                  |

| <b>Description</b> |                                                           |                                |               |        |
|--------------------|-----------------------------------------------------------|--------------------------------|---------------|--------|
| Description        |                                                           | Ambient Air Quality Monitoring |               |        |
| S.No.              | Parameters                                                | Method                         | Specification | Result |
|                    | <b>Discipline : Chemical</b>                              |                                |               |        |
|                    | <b>Group : Atmospheric Pollution</b>                      |                                |               |        |
| 1.                 | <b>Ambient Air Quality Parameters</b>                     |                                |               |        |
| a.                 | Sulphur Dioxide(SO <sub>2</sub> ),µg/m <sup>3</sup>       | IS:5182(P-2)                   | 80 Max        | 5.15   |
| b.                 | Nitrogen Dioxide(NO <sub>2</sub> ),µg/m <sup>3</sup>      | IS:5182(P-6)                   | 80 Max        | 10.40  |
| c.                 | Particulate Matter (PM <sub>10</sub> ),µg/m <sup>3</sup>  | IS:5182(P-23)                  | 100 Max       | 96.08  |
| d.                 | Particulate matter (PM <sub>2.5</sub> ),µg/m <sup>3</sup> | STP/ITC/EW-01                  | 60 Max        | 47.98  |

  
Saurabh Sharma  
08-04-2022  
Reviewer

  
08-04-2022  
PremKumar  
[Authorized Signatory]

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## Test Report

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2204010029<br><b>Sample Reg. Date</b> :01-04-2022<br><b>Report Date</b> :08-04-2022<br><b>Report No.</b> :ICE-2204080302<br><b>NABL ULR No.</b> :TC592622000005746F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

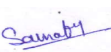
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| e. | Ozone(O <sub>3</sub> ),µg/m <sup>3</sup>                   | IS:5182(P-9)                                      | 180 Max | 24.13         |
| f. | Lead(As Pb),µg/m <sup>3</sup>                              | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max | BLQ(LOQ:0.1)  |
| g. | Carbon Monoxide(CO),mg/m <sup>3</sup>                      | IS:5182(P-10)                                     | 4 Max   | 1.3           |
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | 30.19         |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ (LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE** : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per NAAQS 2009.  
Sampling Procedure: SOP/ITC/EW/056

**REMARKS** :N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
08-04-2022  
Reviewer

  
08-04-2022  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
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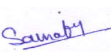
## Test Report

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Page 1 of 2

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|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2204010031<br><b>Sample Reg. Date</b> :01-04-2022<br><b>Report Date</b> :08-04-2022<br><b>Report No.</b> :ICE-2204080304<br><b>NABL ULR No.</b> :TC592622000005748F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                   |                       |
|-----------------------------------|-----------------------|
| <b>Test Report as per :</b>       | : NAAQS 2009          |
| <b>General Information :</b>      |                       |
| Location of Sampling Point        | : Village-Khanpur     |
| Date of Monitoring                | : 31-03-2021          |
| Time of Monitoring                | : 10:40 hrs           |
| Purpose of Monitoring             | : For Self Monitoring |
| Duration of Monitoring,minutes    | : 1440                |
| Avg. Flow Rate of Sampling,m3/min | : 1.34                |
| Volume of air sampled,m3          | : 1823.74             |
| Avg. Ambient Temperature,°C       | : 34                  |

| <b>Description</b> |                                                           |                                |               |        |
|--------------------|-----------------------------------------------------------|--------------------------------|---------------|--------|
| Description        |                                                           | Ambient Air Quality Monitoring |               |        |
| S.No.              | Parameters                                                | Method                         | Specification | Result |
|                    | <b>Discipline : Chemical</b>                              |                                |               |        |
|                    | <b>Group : Atmospheric Pollution</b>                      |                                |               |        |
| 1.                 | <b>Ambient Air Quality Parameters</b>                     |                                |               |        |
| a.                 | Sulphur Dioxide(SO <sub>2</sub> ),µg/m <sup>3</sup>       | IS:5182(P-2)                   | 80 Max        | 7.04   |
| b.                 | Nitrogen Dioxide(NO <sub>2</sub> ),µg/m <sup>3</sup>      | IS:5182(P-6)                   | 80 Max        | 17.90  |
| c.                 | Particulate Matter (PM <sub>10</sub> ),µg/m <sup>3</sup>  | IS:5182(P-23)                  | 100 Max       | 130.23 |
| d.                 | Particulate matter (PM <sub>2.5</sub> ),µg/m <sup>3</sup> | STP/ITC/EW-01                  | 60 Max        | 53.03  |

  
Saurabh Sharma  
08-04-2022  
Reviewer

  
08-04-2022  
PremKumar  
[Authorized Signatory]

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## Test Report

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

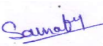
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| e. | Ozone(O <sub>3</sub> ),µg/m <sup>3</sup>                   | IS:5182(P-9)                                      | 180 Max | 24.20         |
| f. | Lead(As Pb),µg/m <sup>3</sup>                              | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max | BLQ(LOQ:0.1)  |
| g. | Carbon Monoxide(CO),mg/m <sup>3</sup>                      | IS:5182(P-10)                                     | 4 Max   | 1.6           |
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | 28.45         |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ (LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE** : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per NAAQS 2009.  
Sampling Procedure: SOP/ITC/EW/056

**REMARKS** :N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
08-04-2022  
Reviewer

  
08-04-2022  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
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Panchkula-134109 (Haryana)  
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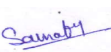
## Test Report

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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2204010032<br><b>Sample Reg. Date</b> :01-04-2022<br><b>Report Date</b> :08-04-2022<br><b>Report No.</b> :ICE-2204080305<br><b>NABL ULR No.</b> :TC592622000005749F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                   |                       |
|-----------------------------------|-----------------------|
| <b>Test Report as per :</b>       | : NAAQS 2009          |
| <b>General Information :</b>      |                       |
| Location of Sampling Point        | : Near Shakti Vihar   |
| Date of Monitoring                | : 31-03-2022          |
| Time of Monitoring                | : 11:40 hrs           |
| Purpose of Monitoring             | : For Self Monitoring |
| Duration of Monitoring,minutes    | : 1440                |
| Avg. Flow Rate of Sampling,m3/min | : 1.34                |
| Volume of air sampled,m3          | : 1806.09             |
| Avg. Ambient Temperature,°C       | : 37                  |

| <b>Description</b> |                                                           |                                |               |        |
|--------------------|-----------------------------------------------------------|--------------------------------|---------------|--------|
| Description        |                                                           | Ambient Air Quality Monitoring |               |        |
| S.No.              | Parameters                                                | Method                         | Specification | Result |
|                    | <b>Discipline : Chemical</b>                              |                                |               |        |
|                    | <b>Group : Atmospheric Pollution</b>                      |                                |               |        |
| 1.                 | <b>Ambient Air Quality Parameters</b>                     |                                |               |        |
| a.                 | Sulphur Dioxide(SO <sub>2</sub> ),µg/m <sup>3</sup>       | IS:5182(P-2)                   | 80 Max        | 10.34  |
| b.                 | Nitrogen Dioxide(NO <sub>2</sub> ),µg/m <sup>3</sup>      | IS:5182(P-6)                   | 80 Max        | 15.30  |
| c.                 | Particulate Matter (PM <sub>10</sub> ),µg/m <sup>3</sup>  | IS:5182(P-23)                  | 100 Max       | 91.25  |
| d.                 | Particulate matter (PM <sub>2.5</sub> ),µg/m <sup>3</sup> | STP/ITC/EW-01                  | 60 Max        | 43.35  |

  
Saurabh Sharma  
08-04-2022  
Reviewer

  
08-04-2022  
PremKumar  
[Authorized Signatory]

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## Test Report

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2204010032<br><b>Sample Reg. Date</b> :01-04-2022<br><b>Report Date</b> :08-04-2022<br><b>Report No.</b> :ICE-2204080305<br><b>NABL ULR No.</b> :TC592622000005749F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

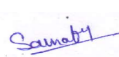
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| e. | Ozone(O <sub>3</sub> ),µg/m <sup>3</sup>                   | IS:5182(P-9)                                      | 180 Max | 21.26         |
| f. | Lead(As Pb),µg/m <sup>3</sup>                              | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max | BLQ(LOQ:0.1)  |
| g. | Carbon Monoxide(CO),mg/m <sup>3</sup>                      | IS:5182(P-10)                                     | 4 Max   | BLQ (LOQ:1.0) |
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | 25.45         |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ (LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE** : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per NAAQS 2009.  
Sampling Procedure: SOP/ITC/EW/056

**REMARKS** :N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
08-04-2022  
Reviewer

  
08-04-2022  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
Panchkula-134109 (Haryana)  
Phone : (O) 0172-2561543, 2565825  
Email : customersupport@itclabs.com  
Visit us :www.itclabs.com

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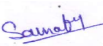
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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2203050268<br><b>Sample Reg. Date</b> :05-03-2022<br><b>Report Date</b> :11-03-2022<br><b>Report No.</b> :ICE-2203110729<br><b>NABL ULR No.</b> :TC592622000004056F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                         |                                                           |
|-----------------------------------------|-----------------------------------------------------------|
| <b>Test Report as per :</b>             | : EPA Act 1986/PCLS/2010                                  |
| <b>General Information :</b>            |                                                           |
| Date of Monitoring                      | : 04-03-2022                                              |
| Time of Monitoring                      | : 10:30 to 10:53 hrs                                      |
| Name of the emission source monitored   | : Stack Emission of Boiler                                |
| (a) Rated Capacity                      | : 660 MW                                                  |
| (b) Capacity on sampling day            | : 620 MW                                                  |
| (c) Type of fuel used & its consumption | : Coal & 350 Ton/hrs                                      |
| (d) Normal operating schedule           | : 24 hrs                                                  |
| 2. Stack Identification                 | : Stack attached to Boiler, Unit-1 (At 65 Meter's Height) |
| 3.Type of Stack/Duct                    | : Metal                                                   |
| 4.Stack Height from Ground Level(m)     | : 275                                                     |
| Diameter of the Stack(cm)               | : 700                                                     |
| (6) Sampling Duration(minutes)          | : 23                                                      |
| Purpose of Monitoring                   | : For Self Monitoring                                     |
| (8) Air Pollution control measure       | : ESP + FF + FGD + Low NOx Burner                         |
| (a) Status                              | : Working                                                 |
| (b) Recovery of Material                | : -                                                       |
| (9) Fugitive Emission,if any            | : Nil                                                     |
| <b>Observations :</b>                   |                                                           |

  
Saurabh Sharma  
11-03-2022  
Reviewer

  
11-03-2022  
PremKumar  
[Authorized Signatory]

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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2203050268<br><b>Sample Reg. Date</b> :05-03-2022<br><b>Report Date</b> :11-03-2022<br><b>Report No.</b> :ICE-2203110729<br><b>NABL ULR No.</b> :TC592622000004056F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

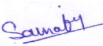
|                                            |              |
|--------------------------------------------|--------------|
| Flue Gas Temperature, °C,Avg.              | : 50         |
| Flue Gas Velocity(m/s),Avg.                | : 25.35      |
| Volumetric Flow Rate(Nm <sup>3</sup> /hr.) | : 3166176.82 |
| Ambient Air Temperature, °C                | : 15         |

| S.No. | Parameters                                                                                              | Method          | Specification | Result        |
|-------|---------------------------------------------------------------------------------------------------------|-----------------|---------------|---------------|
|       | <b>Discipline : Chemical</b>                                                                            |                 |               |               |
|       | <b>Group : Atmospheric Pollution</b>                                                                    |                 |               |               |
| 1.    | <b>General Parameters</b>                                                                               |                 |               |               |
| a.    | Particulate Matter, mg/Nm <sup>3</sup> (Corrected to 6% O <sub>2</sub> on dry basis)                    | IS:11255(P-1)   | Max. 50       | 26.24         |
| b.    | Sulphur Dioxide (SO <sub>2</sub> ), mg/Nm <sup>3</sup> (Corrected to 6% O <sub>2</sub> on dry basis)    | IS:11255(P-2)   | Max. 200      | 166.32        |
| c.    | Oxides of Nitrogen (NO <sub>x</sub> ), mg/Nm <sup>3</sup> (Corrected to 6% O <sub>2</sub> on dry basis) | IS:11255(P-7)   | Max. 450      | 269.03        |
| d.    | Mercury(As Hg),mg/Nm <sup>3</sup>                                                                       | USEPA Method    | Max. 0.03     | BLQ(LOQ:0.01) |
| e.    | Carbon Monoxide(CO),% v/v                                                                               | IS:13270        | Max. 1.0      | 0.2           |
| f.    | Moisture, % by mass                                                                                     | IS: 11255 (P-3) | Not Specified | 5.6           |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per EPA Act 1986/PCLS/2010, Sample collected by lab rep. on dated 04.03.2022, Sampling Procedure - SOP/ITC/EW/056

**REMARKS :**N/A

  
 Saurabh Sharma  
 11-03-2022  
 Reviewer

  
 11-03-2022  
 PremKumar  
 [Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
 86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
 Panchkula-134109 (Haryana)  
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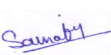
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2203050268<br><b>Sample Reg. Date</b> :05-03-2022<br><b>Report Date</b> :11-03-2022<br><b>Report No.</b> :ICE-2203110729<br><b>NABL ULR No.</b> :TC592622000004056F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
11-03-2022  
Reviewer

  
11-03-2022  
PremKumar  
[Authorized Signatory]

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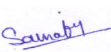
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2203120672<br><b>Sample Reg. Date</b> :12-03-2022<br><b>Report Date</b> :17-03-2022<br><b>Report No.</b> :ICE-2203171064<br><b>NABL ULR No.</b> :TC592622000004508F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                         |                                                           |
|-----------------------------------------|-----------------------------------------------------------|
| <b>Test Report as per :</b>             | : EPA Act 1986/PCLS/2010                                  |
| <b>General Information :</b>            |                                                           |
| Date of Monitoring                      | : 11-03-2022                                              |
| Time of Monitoring                      | : 10:50 to 11:12 hrs                                      |
| Name of the emission source monitored   | : Stack Emission of Boiler                                |
| (a) Rated Capacity                      | : 660 MW                                                  |
| (b) Capacity on sampling day            | : 645 MW                                                  |
| (c) Type of fuel used & its consumption | : Coal & 425 Ton/hrs                                      |
| (d) Normal operating schedule           | : 24 hrs                                                  |
| 2. Stack Identification                 | : Stack attached to Boiler, Unit-1 (At 65 Meter's Height) |
| 3.Type of Stack/Duct                    | : Metal                                                   |
| 4.Stack Height from Ground Level(m)     | : 275                                                     |
| Diameter of the Stack(cm)               | : 700                                                     |
| (6) Sampling Duration(minutes)          | : 22                                                      |
| Purpose of Monitoring                   | : For Self Monitoring                                     |
| (8) Air Pollution control measure       | : ESP + FF + FGD + Low NOx Burner                         |
| (a) Status                              | : Working                                                 |
| (b) Recovery of Material                | : -                                                       |
| (9) Fugitive Emission,if any            | : Nil                                                     |
| <b>Observations :</b>                   |                                                           |

  
Saurabh Sharma  
17-03-2022  
Reviewer

  
17-03-2022  
PremKumar  
[Authorized Signatory]

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|                                                                                                             | <b>Sample Reg. Date</b> :12-03-2022           |
|                                                                                                             | <b>Report Date</b> :17-03-2022                |
|                                                                                                             | <b>Report No.</b> :ICE-2203171064             |
|                                                                                                             | <b>NABL ULR No.</b> :TC592622000004508F       |
|                                                                                                             | <b>Customer Ref. No.</b> :Order No.5030010814 |
|                                                                                                             | <b>Letter Dated</b> :29.10.2020               |

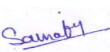
|                                            |              |
|--------------------------------------------|--------------|
| Flue Gas Temperature, °C,Avg.              | : 51         |
| Flue Gas Velocity(m/s),Avg.                | : 26.30      |
| Volumetric Flow Rate(Nm <sup>3</sup> /hr.) | : 3270284.63 |
| Ambient Air Temperature, °C                | : 27         |

| S.No.     | Parameters                                                                                              | Method          | Specification | Result        |
|-----------|---------------------------------------------------------------------------------------------------------|-----------------|---------------|---------------|
|           | <b>Discipline : Chemical</b>                                                                            |                 |               |               |
|           | <b>Group : Atmospheric Pollution</b>                                                                    |                 |               |               |
| <b>1.</b> | <b>General Parameters</b>                                                                               |                 |               |               |
| a.        | Particulate Matter, mg/Nm <sup>3</sup> (Corrected to 6% O <sub>2</sub> on dry basis)                    | IS:11255(P-1)   | Max. 50       | 30.21         |
| b.        | Sulphur Dioxide (SO <sub>2</sub> ), mg/Nm <sup>3</sup> (Corrected to 6% O <sub>2</sub> on dry basis)    | IS:11255(P-2)   | Max. 200      | 176.21        |
| c.        | Oxides of Nitrogen (NO <sub>x</sub> ), mg/Nm <sup>3</sup> (Corrected to 6% O <sub>2</sub> on dry basis) | IS:11255(P-7)   | Max. 450      | 186.40        |
| d.        | Mercury(As Hg),mg/Nm <sup>3</sup>                                                                       | USEPA Method    | Max. 0.03     | BLQ(LOQ:0.01) |
| e.        | Carbon Monoxide(CO),% v/v                                                                               | IS:13270        | Max. 1.0      | 0.2           |
| f.        | Moisture, % by mass                                                                                     | IS: 11255 (P-3) | Not Specified | 5.5           |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per EPA Act 1986/PCLS/2010, Sample collected by lab rep. on dated 11.03.2022, Sampling Procedure - SOP/ITC/EW/056

**REMARKS :**N/A

  
Saurabh Sharma  
17-03-2022  
Reviewer

  
17-03-2022  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
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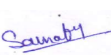


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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
17-03-2022  
Reviewer

  
17-03-2022  
PremKumar  
[Authorized Signatory]

### Disclaimer :

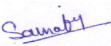
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|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                         |                                                         |
|-----------------------------------------|---------------------------------------------------------|
| <b>Test Report as per :</b>             | : EPA Act 1986/PCLS/2010                                |
| <b>General Information :</b>            |                                                         |
| Date of Monitoring                      | : 16-03-2022                                            |
| Time of Monitoring                      | : 09:15 to 09:36 hrs                                    |
| Name of the emission source monitored   | : Stack Emission of Boiler                              |
| (a) Rated Capacity                      | : 660 MW                                                |
| (b) Capacity on sampling day            | : 652 MW                                                |
| (c) Type of fuel used & its consumption | : Coal & 438 Ton/hrs                                    |
| (d) Normal operating schedule           | : 24 hrs                                                |
| 2. Stack Identification                 | : Stack attached to Boiler, Unit-1 (At 65 meter Height) |
| 3.Type of Stack/Duct                    | : Metal                                                 |
| 4.Stack Height from Ground Level(m)     | : 275                                                   |
| Diameter of the Stack(cm)               | : 700                                                   |
| (6) Sampling Duration(minutes)          | : 21                                                    |
| Purpose of Monitoring                   | : For Self Monitoring                                   |
| (8) Air Pollution control measure       | : ESP + FF + FGD + Low Burner                           |
| (a) Status                              | : Working                                               |
| (b) Recovery of Material                | : -                                                     |
| (9) Fugitive Emission,if any            | : Nil                                                   |
| <b>Observations :</b>                   |                                                         |

  
Saurabh Sharma  
25-03-2022  
Reviewer

  
25-03-2022  
PremKumar  
[Authorized Signatory]

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|                                                                                                             | <b>Sample Reg. Date</b> :21-03-2022           |
|                                                                                                             | <b>Report Date</b> :25-03-2022                |
|                                                                                                             | <b>Report No.</b> :ICE-2203251675             |
|                                                                                                             | <b>NABL ULR No.</b> :TC592622000005053F       |
|                                                                                                             | <b>Customer Ref. No.</b> :Order No.5030010814 |
|                                                                                                             | <b>Letter Dated</b> :29.10.2020               |

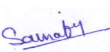
|                                            |              |
|--------------------------------------------|--------------|
| Flue Gas Temperature, °C,Avg.              | : 55         |
| Flue Gas Velocity(m/s),Avg.                | : 27.28      |
| Volumetric Flow Rate(Nm <sup>3</sup> /hr.) | : 3319164.45 |
| Ambient Air Temperature, °C                | : 24         |

| S.No.     | Parameters                                                                                              | Method          | Specification | Result        |
|-----------|---------------------------------------------------------------------------------------------------------|-----------------|---------------|---------------|
|           | <b>Discipline : Chemical</b>                                                                            |                 |               |               |
|           | <b>Group : Atmospheric Pollution</b>                                                                    |                 |               |               |
| <b>1.</b> | <b>General Parameters</b>                                                                               |                 |               |               |
| a.        | Particulate Matter, mg/Nm <sup>3</sup> (Corrected to 6% O <sub>2</sub> on dry basis)                    | IS:11255(P-1)   | Max. 50       | 28.19         |
| b.        | Sulphur Dioxide (SO <sub>2</sub> ), mg/Nm <sup>3</sup> (Corrected to 6% O <sub>2</sub> on dry basis)    | IS:11255(P-2)   | Max. 200      | 165.22        |
| c.        | Oxides of Nitrogen (NO <sub>x</sub> ), mg/Nm <sup>3</sup> (Corrected to 6% O <sub>2</sub> on dry basis) | IS:11255(P-7)   | Max. 450      | 205.68        |
| d.        | Mercury(As Hg),mg/Nm <sup>3</sup>                                                                       | USEPA Method    | Max. 0.03     | BLQ(LOQ:0.01) |
| e.        | Carbon Monoxide(CO),% v/v                                                                               | IS:13270        | Max. 1.0      | 0.2           |
| f.        | Moisture, % by mass                                                                                     | IS: 11255 (P-3) | Not Specified | 5.8           |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per EPA Act 1986/PCLS/2010, Sample collected by lab rep. on dated 16.03.2022, Sampling Procedure - SOP/ITC/EW/056

**REMARKS :**N/A

  
Saurabh Sharma  
25-03-2022  
Reviewer

  
25-03-2022  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
Panchkula-134109 (Haryana)  
Phone : (O) 0172-2561543, 2565825  
Email : customersupport@itclabs.com  
Visit us :www.itclabs.com

### Disclaimer :

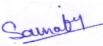
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## Test Report

Document QF : 2501  
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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2203211050<br><b>Sample Reg. Date</b> :21-03-2022<br><b>Report Date</b> :25-03-2022<br><b>Report No.</b> :ICE-2203251675<br><b>NABL ULR No.</b> :TC592622000005053F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
25-03-2022  
Reviewer

  
25-03-2022  
PremKumar  
[Authorized Signatory]

### Disclaimer :

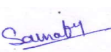
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2203261357<br><b>Sample Reg. Date</b> :26-03-2022<br><b>Report Date</b> :31-03-2022<br><b>Report No.</b> :ICE-2203312054<br><b>NABL ULR No.</b> :TC592622000005403F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                         |                                                           |
|-----------------------------------------|-----------------------------------------------------------|
| <b>Test Report as per :</b>             | : EPA Act 1986/PCLS/2010                                  |
| <b>General Information :</b>            |                                                           |
| Date of Monitoring                      | : 25-03-2022                                              |
| Time of Monitoring                      | : 10:30 to 10:51 hrs                                      |
| Name of the emission source monitored   | : Stack Emission of Boiler                                |
| (a) Rated Capacity                      | : 660 MW                                                  |
| (b) Capacity on sampling day            | : 655 MW                                                  |
| (c) Type of fuel used & its consumption | : Coal & 378 Ton/hrs                                      |
| (d) Normal operating schedule           | : 24 hrs                                                  |
| 2. Stack Identification                 | : Stack attached to Boiler Unit- 1 (At 65 meter's Height) |
| 3.Type of Stack/Duct                    | : Metal                                                   |
| 4.Stack Height from Ground Level(m)     | : 275                                                     |
| Diameter of the Stack(cm)               | : 700                                                     |
| (6) Sampling Duration(minutes)          | : 21                                                      |
| Purpose of Monitoring                   | : For Self Monitoring                                     |
| (8) Air Pollution control measure       | : ESP + FF + FGD + Low NOx Burner                         |
| (a) Status                              | : Working                                                 |
| (b) Recovery of Material                | : -                                                       |
| (9) Fugitive Emission,if any            | : Nil                                                     |
| <b>Observations :</b>                   |                                                           |

  
Saurabh Sharma  
31-03-2022  
Reviewer

  
31-03-2022  
PremKumar  
[Authorized Signatory]

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## Test Report

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2203261357<br><b>Sample Reg. Date</b> :26-03-2022<br><b>Report Date</b> :31-03-2022<br><b>Report No.</b> :ICE-2203312054<br><b>NABL ULR No.</b> :TC592622000005403F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

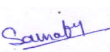
|                                            |              |
|--------------------------------------------|--------------|
| Flue Gas Temperature, °C,Avg.              | : 56         |
| Flue Gas Velocity(m/s),Avg.                | : 27.44      |
| Volumetric Flow Rate(Nm <sup>3</sup> /hr.) | : 3328483.88 |
| Ambient Air Temperature, °C                | : 27         |

| S.No. | Parameters                                                                                              | Method          | Specification | Result        |
|-------|---------------------------------------------------------------------------------------------------------|-----------------|---------------|---------------|
|       | <b>Discipline : Chemical</b>                                                                            |                 |               |               |
|       | <b>Group : Atmospheric Pollution</b>                                                                    |                 |               |               |
| 1.    | <b>General Parameters</b>                                                                               |                 |               |               |
| a.    | Particulate Matter, mg/Nm <sup>3</sup> (Corrected to 6% O <sub>2</sub> on dry basis)                    | IS:11255(P-1)   | Max. 50       | 25.39         |
| b.    | Sulphur Dioxide (SO <sub>2</sub> ), mg/Nm <sup>3</sup> (Corrected to 6% O <sub>2</sub> on dry basis)    | IS:11255(P-2)   | Max. 200      | 189.22        |
| c.    | Oxides of Nitrogen (NO <sub>x</sub> ), mg/Nm <sup>3</sup> (Corrected to 6% O <sub>2</sub> on dry basis) | IS:11255(P-7)   | Max. 450      | 216.29        |
| d.    | Mercury(As Hg),mg/Nm <sup>3</sup>                                                                       | USEPA Method    | Max. 0.03     | BLQ(LOQ:0.01) |
| e.    | Carbon Monoxide(CO),% v/v                                                                               | IS:13270        | Max. 1.0      | 0.2           |
| f.    | Moisture, % by mass                                                                                     | IS: 11255 (P-3) | Not Specified | 5.6           |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per EPA Act 1986/PCLS/2010, Sample collected by lab rep. on dated 25.03.2022, Sampling Procedure - SOP/ITC/EW/056

**REMARKS :**N/A

  
 Saurabh Sharma  
 31-03-2022  
 Reviewer

  
 31-03-2022  
 PremKumar  
 [Authorized Signatory]

### Disclaimer :

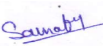
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## Test Report

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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2203261357<br><b>Sample Reg. Date</b> :26-03-2022<br><b>Report Date</b> :31-03-2022<br><b>Report No.</b> :ICE-2203312054<br><b>NABL ULR No.</b> :TC592622000005403F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
31-03-2022  
Reviewer

  
31-03-2022  
PremKumar  
[Authorized Signatory]

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## Test Report

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2203120673<br><b>Sample Reg. Date</b> :12-03-2022<br><b>Report Date</b> :22-03-2022<br><b>Report No.</b> :ICE-2203221346<br><b>NABL ULR No.</b> :TC592622000004772F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                         |                                         |
|-----------------------------------------|-----------------------------------------|
| <b>Test Report as per :</b>             | : EPA Act 1986/PCLS/2010                |
| <b>General Information :</b>            |                                         |
| Date of Monitoring                      | : 11-03-2022                            |
| Time of Monitoring                      | : 12:10 to 12:29 hrs                    |
| Name of the emission source monitored   | : Stack Emission of DG Set              |
| (a) Rated Capacity                      | : 1600 kVA                              |
| (b) Capacity on sampling day            | : 85 %                                  |
| (c) Type of fuel used & its consumption | : HSD & 327 Ton/hrs                     |
| (d) Normal operating schedule           | : As Required                           |
| 2. Stack Identification                 | : Stack attached to DG Set-1 (1600 kVA) |
| 3.Type of Stack/Duct                    | : Metal                                 |
| 4.Stack Height from Ground Level(m)     | : 9.5                                   |
| Diameter of the Stack(cm)               | : 40                                    |
| (6) Sampling Duration(minutes)          | : 19                                    |
| Purpose of Monitoring                   | : For Self Monitoring                   |
| (8) Air Pollution control measure       | : Not Applicable                        |
| (a) Status                              | : -                                     |
| (b) Recovery of Material                | : -                                     |
| (9) Fugitive Emission,if any            | : Nil                                   |
| <b>Observations :</b>                   |                                         |

*Saurabh Sharma*  
Saurabh Sharma  
22-03-2022  
Reviewer

*PremKumar*  
22-03-2022  
PremKumar  
[Authorized Signatory]

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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2203120673<br><b>Sample Reg. Date</b> :12-03-2022<br><b>Report Date</b> :22-03-2022<br><b>Report No.</b> :ICE-2203221346<br><b>NABL ULR No.</b> :TC592622000004772F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                            |           |
|--------------------------------------------|-----------|
| Flue Gas Temperature, °C,Avg.              | : 323     |
| Flue Gas Velocity(m/s),Avg.                | : 24.25   |
| Volumetric Flow Rate(Nm <sup>3</sup> /hr.) | : 5352.59 |
| Ambient Air Temperature, °C                | : 27      |

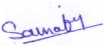
| S.No.     | Parameters                                                                                         | Method        | Specification | Result |
|-----------|----------------------------------------------------------------------------------------------------|---------------|---------------|--------|
|           | <b>Discipline : Chemical</b>                                                                       |               |               |        |
|           | <b>Group : Atmospheric Pollution</b>                                                               |               |               |        |
| <b>1.</b> | <b>General Parameters</b>                                                                          |               |               |        |
| a.        | Particulate Matter,mg/Nm3(Corrected at 15 % O <sub>2</sub> )                                       | IS:11255(P-1) | Max. 75       | 40.19  |
| b.        | Carbon Monoxide(CO),mg/Nm3(Corrected at 15 % O <sub>2</sub> )                                      | IS:13270      | Max. 150      | 91     |
| c.        | Oxides of Nitrogen NO <sub>x</sub> (as NO <sub>2</sub> ), ppmv (at 15% O <sub>2</sub> ), dry basis | IS:11255(P-7) | Max. 710      | 10.43  |
| d.        | Non Methane Hydrocarbon,mg/Nm3(Corrected at 15 % O <sub>2</sub> )                                  | IS:13270      | Max. 100      | 40     |
| e.        | Sulphur Dioxide(SO <sub>2</sub> ),mg/Nm3                                                           | IS:11255(P-2) | Not Specified | 321.82 |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, Requirements as per EPA Act 1986/PCLS/2010, Sample collected by lab rep. on dated 11.03.2022, Sampling Procedure - SOP/ITC/EW/056

**REMARKS :** N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
22-03-2022  
Reviewer

  
22-03-2022  
PremKumar  
[Authorized Signatory]

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## Test Report

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Page 1 of 2

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|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                         |                                         |
|-----------------------------------------|-----------------------------------------|
| <b>Test Report as per :</b>             | : EPA-1986, PCLS/02/2010                |
| <b>General Information :</b>            |                                         |
| Date of Monitoring                      | : 11-03-2022                            |
| Time of Monitoring                      | : 12:40 to 12:59 hrs                    |
| Name of the emission source monitored   | : Stack Emission of DG Set              |
| (a) Rated Capacity                      | : 1600 kVA                              |
| (b) Capacity on sampling day            | : 85 %                                  |
| (c) Type of fuel used & its consumption | : HSD & 327 Ltr/hrs                     |
| (d) Normal operating schedule           | : As Required                           |
| 2. Stack Identification                 | : Stack attached to DG Set-2 (1600 kVA) |
| 3.Type of Stack/Duct                    | : Metal                                 |
| 4.Stack Height from Ground Level(m)     | : 9.5                                   |
| Diameter of the Stack(cm)               | : 40                                    |
| (6) Sampling Duration(minutes)          | : 19                                    |
| Purpose of Monitoring                   | : For Self Monitoring                   |
| (8) Air Pollution control measure       | : Not Applicable                        |
| (a) Status                              | : -                                     |
| (b) Recovery of Material                | : -                                     |
| (9) Fugitive Emission,if any            | : Nil                                   |
| <b>Observations :</b>                   |                                         |

*Saurabh Sharma*  
Saurabh Sharma  
22-03-2022  
Reviewer

*PremKumar*  
22-03-2022  
PremKumar  
[Authorized Signatory]

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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2203120674<br><b>Sample Reg. Date</b> :12-03-2022<br><b>Report Date</b> :22-03-2022<br><b>Report No.</b> :ICE-2203221347<br><b>NABL ULR No.</b> :TC592622000004764F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                            |           |
|--------------------------------------------|-----------|
| Flue Gas Temperature, °C,Avg.              | : 330     |
| Flue Gas Velocity(m/s),Avg.                | : 25.55   |
| Volumetric Flow Rate(Nm <sup>3</sup> /hr.) | : 5574.07 |
| Ambient Air Temperature, °C                | : 28      |

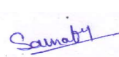
| S.No.     | Parameters                                                                                         | Method        | Specification | Result |
|-----------|----------------------------------------------------------------------------------------------------|---------------|---------------|--------|
|           | <b>Discipline : Chemical</b>                                                                       |               |               |        |
|           | <b>Group : Atmospheric Pollution</b>                                                               |               |               |        |
| <b>1.</b> | <b>General Parameters</b>                                                                          |               |               |        |
| a.        | Particulate Matter,mg/Nm3(Corrected at 15 % O <sub>2</sub> )                                       | IS:11255(P-1) | Max. 75       | 34.19  |
| b.        | Carbon Monoxide(CO),mg/Nm3(Corrected at 15 % O <sub>2</sub> )                                      | IS:13270      | Max. 150      | 92     |
| c.        | Oxides of Nitrogen NO <sub>x</sub> (as NO <sub>2</sub> ), ppmv (at 15% O <sub>2</sub> ), dry basis | IS:11255(P-7) | Max. 710      | 10.47  |
| d.        | Non Methane Hydrocarbon,mg/Nm3(Corrected at 15 % O <sub>2</sub> )                                  | IS:13270      | Max. 100      | 41     |
| e.        | Sulphur Dioxide(SO <sub>2</sub> ),mg/Nm3                                                           | IS:11255(P-2) | Not Specified | 360.88 |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, Requirements as per EPA Act 1986/PCLS/2010, Sample collected by lab rep. on dated 11.03.2022, Sampling Procedure - SOP/ITC/EW/056

**REMARKS :** N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
22-03-2022  
Reviewer

  
22-03-2022  
PremKumar  
[Authorized Signatory]

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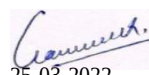
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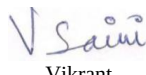
|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2203150806<br><b>Sample Reg. Date</b> :15-03-2022<br><b>Report Date</b> :28-03-2022<br><b>Report No.</b> :ICE-2203281731<br><b>NABL ULR No.</b> :TC592622000005116F<br><b>Customer Ref. No.:</b> Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                               |                                        |
|---------------------------------------------------------------|----------------------------------------|
| <b>Test Report as per IS:</b> BIS Specification IS:10500-2012 | <b>With Amendment No.(s):</b> 01 to 03 |
|---------------------------------------------------------------|----------------------------------------|

### PART A : PARTICULARS OF SAMPLE SUBMITTED

|    |                                            |                                                                                      |
|----|--------------------------------------------|--------------------------------------------------------------------------------------|
| a) | Nature of Sample <sup>#</sup>              | Ground Water (Ash Dyke/Lagoon)                                                       |
| b) | Sample Condition                           | Good                                                                                 |
| c) | Grade / Variety / Type / Class / Size etc. | NA                                                                                   |
| d) | Brand Name                                 | NA                                                                                   |
| e) | Declared Values,if any                     | NA                                                                                   |
| f) | Code No.                                   |  |
| g) | Batch Number <sup>#</sup>                  | NA                                                                                   |
| h) | D.O.M <sup>#</sup>                         | NA                                                                                   |
| i) | Date of Expiry <sup>#</sup>                | NA                                                                                   |
| j) | Sample Quantity <sup>#</sup>               | 6 Ltr                                                                                |
| k) | Batch Size/Location <sup>#</sup>           | NA                                                                                   |
| l) | Mode of Packing                            | Packed in bottles                                                                    |
| m) | Date of Receipt                            | 15-03-2022                                                                           |
| n) | Date of Start                              | 15-03-2022                                                                           |
| o) | Date of Completion                         | 28-03-2022                                                                           |
| p) | Seal (Intact/Not Intact/Unsealed)          | NA                                                                                   |
| q) | IO'S Signature (Signed/Unsigned)           | Unsigned                                                                             |
| r) | Any Other Information                      | Sample Collected by lab rep. Mr. Veedpal on 11.03.2022,<br>Sample of Down Stream     |

  
25-03-2022  
Gaurav Khandelwal  
[Authorized Signatory]

  
Vikrant  
28-03-2022  
Reviewer

  
28-03-2022  
PremKumar  
[Authorized Signatory]

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## Test Report

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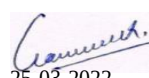
|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2203150806<br><b>Sample Reg. Date</b> :15-03-2022<br><b>Report Date</b> :28-03-2022<br><b>Report No.</b> :ICE-2203281731<br><b>NABL ULR No.</b> :TC592622000005116F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

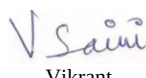
|    |                              |                                           |
|----|------------------------------|-------------------------------------------|
| s) | Test Request Submitted By    | Jhajjar Power Limited-Jhajjar ( Haryana ) |
| t) | Manufactured By <sup>#</sup> | NA                                        |
| u) | Supplied By <sup>#</sup>     | NA                                        |

### PART B : SUPPLEMENTARY INFORMATIONS

|    |                                                                                                                                                              |       |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| a. | Reference to sampling procedure, whenever applicable                                                                                                         | : N/A |
| b. | Supporting documents for the measurement taken and results derived like graphs, tables, sketches and / or photographs as appropriate to test reports, if any | : N/A |
| c. | Deviation from the test methods as prescribed in relevant ISS/WORK Instruments, if any                                                                       | : N/A |

| Description                                    |                |                                      |                  |                   |           |
|------------------------------------------------|----------------|--------------------------------------|------------------|-------------------|-----------|
| Description                                    |                | coloured liquid.                     |                  |                   |           |
| S.No.                                          | Parameters     | Method                               | Acceptable Limit | Permissible Limit | Result    |
| <b>Discipline : Chemical</b>                   |                |                                      |                  |                   |           |
| <b>Group : Water</b>                           |                |                                      |                  |                   |           |
| <b>1. Organoleptic &amp;Physical Parameter</b> |                |                                      |                  |                   |           |
| a.                                             | Colour (Hazen) | IS:3025(Part4):1983(RA:2017)amd. no1 | 5 Max.           | 15 Max.           | 10        |
| b.                                             | Taste          | IS:3025(Part 8):1984(RA:2017)        | Agreeable        | -                 | *         |
| c.                                             | Odour          | IS:3025(Part 5):1983(RA:2017)        | Agreeable        | -                 | Agreeable |
| d.                                             | pH Value       | IS:3025 (Part - 11):1983(RA:2017)    | 6.5-8.5          | No relaxation     | 8.13      |
| e.                                             | Turbidity(NTU) | IS:3025(Part 10):1984(RA:2017)       | 1 Max.           | 5 Max.            | 10.9      |

  
25-03-2022  
Gaurav Khandelwal  
[Authorized Signatory]

  
Vikrant  
28-03-2022  
Reviewer

  
28-03-2022  
PremKumar  
[Authorized Signatory]

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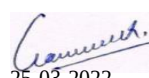
## Test Report

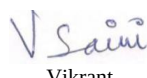
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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2203150806<br><b>Sample Reg. Date</b> :15-03-2022<br><b>Report Date</b> :28-03-2022<br><b>Report No.</b> :ICE-2203281731<br><b>NABL ULR No.</b> :TC592622000005116F<br><b>Customer Ref. No.:</b> Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|    |                                                                      |                                                          |            |               |                |
|----|----------------------------------------------------------------------|----------------------------------------------------------|------------|---------------|----------------|
| f. | Total Dissolved Solids,(mg/l)                                        | IS:3025(Part 16):1984(RA.2006)                           | 500 Max.   | 2000 Max.     | 4678           |
| 2. | <b>Parameters Concerning Undesirable Substances in excess amount</b> |                                                          |            |               |                |
| a. | Aluminium as Al, (mg/l)                                              | IS:3025(Part 55):RA2014                                  | 0.03 Max.  | 0.2 Max.      | BLQ(LOQ:0.02)  |
| b. | Ammonia (as total ammonia-N) (mg/l)                                  | IS:3025(Part 34):1988(RA:2014)                           | 0.5 Max.   | No Relaxation | BLQ(LOQ:0.1)   |
| c. | Anionic detergent(as MBAS),(mg/l)                                    | IS:13428:2005(RA:2009)-Annex K                           | 0.2 Max.   | 1.0 Max.      | BLQ(LOQ:0.05)  |
| d. | Barium (as Ba) (mg/l)                                                | IS:13428:2005(RA:2014)Annex. F/IS:3025(P-65)             | 0.7 Max.   | No relaxation | BLQ(LOQ:0.3)   |
| e. | Boron (as B) (mg/l)                                                  | Apha 23rd Edn.2017-3120 B/IS:3025(Part 57):2004(RA:2017) | 0.5 Max.   | 2.4 Max.      | BLQ(LOQ:0.5)   |
| f. | Calcium(as Ca), (mg/l)                                               | IS:3025(Part 40):1991(RA:2014) amd no 1                  | 75 Max.    | 200 Max.      | 121            |
| g. | Chloramines (as Cl <sub>2</sub> ), (mg/l)                            | IS:3025(Part 26):1986 amd no 1(RA 2014)                  | 4.0 Max.   | No relaxation | BLQ(LOQ:0.03)  |
| h. | Chloride(as Cl) (mg/l)                                               | IS:3025(Part 32):1988(RA:2014)                           | 250 Max.   | 1000 Max.     | 1240.3         |
| i. | Copper (as Cu) (mg/l)                                                | IS:3025(P-65)                                            | 0.05 Max.  | 1.5 Max.      | BLQ(LOQ:0.002) |
| j. | Fluoride as F (mg/l)                                                 | IS:3025(Part 60):2008 amd. no 1(RA:2013)                 | 1.0 Max.   | 1.5 Max.      | 1.4            |
| k. | Phenolic compounds (as C <sub>6</sub> H <sub>5</sub> OH), (mg/l)     | IS:3025(P-43)                                            | 0.001 Max. | 0.002 Max.    | BLQ(LOQ:0.001) |
| l. | Free Residual Chlorine, (mg/l)                                       | IS:3025(P-26)                                            | 0.2 Min.   | 1.0 Max.      | Not Applicable |
| m. | Iron (as Fe) (mg/l)                                                  | IS:3025(Part 53):2003(RA:2014)                           | 1.0 Max.   | No relaxation | 0.04           |

  
 25-03-2022  
 Gaurav Khandelwal  
 [Authorized Signatory]

  
 Vikrant  
 28-03-2022  
 Reviewer

  
 28-03-2022  
 PremKumar  
 [Authorized Signatory]

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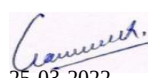
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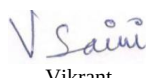
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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2203150806<br><b>Sample Reg. Date</b> :15-03-2022<br><b>Report Date</b> :28-03-2022<br><b>Report No.</b> :ICE-2203281731<br><b>NABL ULR No.</b> :TC592622000005116F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                  |                                               |                                                          |            |               |                |
|--------------------------------------------------|-----------------------------------------------|----------------------------------------------------------|------------|---------------|----------------|
| n.                                               | Magnesium as Mg (mg/l)                        | IS:3025(Part 46):1994 amd. no. 2(RA:2014)                | 30 Max.    | 100 Max.      | 94.5           |
| o.                                               | Manganese as Mn, (mg/l)                       | Apha 23rd Edn.2017-3125 B/IS:3025(Part 59):2004(RA:2017) | 0.1 Max.   | 0.3 Max.      | BLQ(LOQ:0.1)   |
| p.                                               | Mineral Oil, (mg/l)                           | Clause 6 of IS:3025(Part39)                              | 1.0 Max.   | No Relaxation | BLQ(LOQ:0.01)  |
| q.                                               | Nitrate as NO <sub>3</sub> (mg/l)             | IS:3025(Part 34):1988(RA:2014)                           | 45 Max.    | No Relaxation | 10.2           |
| r.                                               | Selenium (as Se) (mg/l)                       | IS:3025(P-65)                                            | 0.01 Max.  | No Relaxation | BLQ(LOQ:0.002) |
| s.                                               | Silver (as Ag) (mg/l)                         | IS:3025(P-65)                                            | 0.1 Max.   | No Relaxation | BLQ(LOQ:0.002) |
| t.                                               | Sulphate(as SO <sub>4</sub> ) (mg/l)          | APHA-23rd Edition                                        | 200 Max.   | 400 Max.      | 1250.5         |
| u.                                               | Sulphide as H <sub>2</sub> S, (mg/l)          | IS:3025(Part 29)                                         | 0.05 Max.  | No Relaxation | BLQ(LOQ:0.05)  |
| v.                                               | Total Alkalinity(as CaCO <sub>3</sub> )(mg/l) | IS:3025(Part 23)                                         | 200 Max.   | 600 Max.      | 480            |
| w.                                               | Total Hardness(as CaCO <sub>3</sub> ), (mg/l) | IS 3025 (Part 21)                                        | 200 Max.   | 600 Max.      | 691.2          |
| x.                                               | Zinc(as Zn)(mg/l)                             | IS:3025(P-65)                                            | 5 Max.     | 15 Max.       | 0.551          |
| <b>3. Parameters Concerning Toxic Substances</b> |                                               |                                                          |            |               |                |
| a.                                               | Cadmium(as Cd)(mg/l)                          | IS:3025(P-65)                                            | 0.003 Max. | No Relaxation | BLQ(LOQ:0.002) |
| b.                                               | Cyanide(asCN)(mg/l)                           | IS:3025(Part 27)                                         | 0.05 Max.  | No Relaxation | BLQ(LOQ:0.01)  |
| c.                                               | Lead(as Pb)(mg/l)                             | IS:3025(P-65)                                            | 0.01 Max.  | No Relaxation | BLQ(LOQ:0.002) |
| d.                                               | Mercury(as Hg)(mg/l)                          | IS:3025(P-65)                                            | 0.001 Max. | No Relaxation | BLQ(LOQ:0.001) |
| e.                                               | Molybdenum(as Mo)(mg/l)                       | IS:3025(P-65)                                            | 0.07 Max.  | No Relaxation | BLQ(LOQ:0.002) |
| f.                                               | Nickel(as Ni) (mg/l)                          | IS:3025(P-65)                                            | 0.02 Max.  | No Relaxation | 0.004          |
| g.                                               | Total Arsenic(as As)(mg/l)                    | IS:3025(P-65)                                            | 0.01 Max.  | No relaxation | BLQ(LOQ:0.002) |
| h.                                               | Total Chromium(as Cr)(mg/l)                   | IS:3025(P-65)                                            | 0.05 Max.  | No Relaxation | BLQ(LOQ:0.002) |
| <b>Discipline : Biological</b>                   |                                               |                                                          |            |               |                |

  
 25-03-2022  
 Gaurav Khandelwal  
 [Authorized Signatory]

  
 Vikrant  
 28-03-2022  
 Reviewer

  
 28-03-2022  
 PremKumar  
 [Authorized Signatory]

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2203150806<br><b>Sample Reg. Date</b> :15-03-2022<br><b>Report Date</b> :28-03-2022<br><b>Report No.</b> :ICE-2203281731<br><b>NABL ULR No.</b> :TC592622000005116F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
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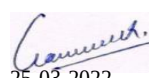
|    |                              |                                      |                                              |   |        |
|----|------------------------------|--------------------------------------|----------------------------------------------|---|--------|
|    | <b>Group : Water</b>         |                                      |                                              |   |        |
| 1. | <b>Microbiological Tests</b> |                                      |                                              |   |        |
| a. | E.Coli/100 ml                | IS:15185(Membrane Filtration Method) | Shall not be detectable in any 100 ml sample | - | Absent |
| b. | Total Coliform Count/100 ml  | IS:15185(Membrane Filtration Method) | Shall not be detectable in any 100 ml sample | - | Absent |

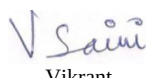
'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification. Sampling Procedure: SOP/ITC/EW/030. \* Test not performed because sample is not Safe For Ingestion.

**REMARKS :**N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
25-03-2022  
Gaurav Khandelwal  
[Authorized Signatory]

  
Vikrant  
28-03-2022  
Reviewer

  
28-03-2022  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
Panchkula-134109 (Haryana)  
Phone : (O) 0172-2561543, 2565825  
Email : customersupport@itclabs.com  
Visit us :www.itclabs.com

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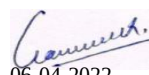
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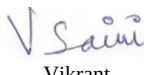
|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2203281404<br><b>Sample Reg. Date</b> :28-03-2022<br><b>Report Date</b> :06-04-2022<br><b>Report No.</b> :ICE-2204060165<br><b>NABL ULR No.</b> :TC592622000005639F<br><b>Customer Ref. No.:</b> Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                               |                                        |
|---------------------------------------------------------------|----------------------------------------|
| <b>Test Report as per IS:</b> BIS Specification IS:10500-2012 | <b>With Amendment No.(s):</b> 01 to 04 |
|---------------------------------------------------------------|----------------------------------------|

### PART A : PARTICULARS OF SAMPLE SUBMITTED

|    |                                            |                                                                                      |
|----|--------------------------------------------|--------------------------------------------------------------------------------------|
| a) | Nature of Sample #                         | Ground Water (Ash Dyke/Lagoon)                                                       |
| b) | Sample Condition                           | Good                                                                                 |
| c) | Grade / Variety / Type / Class / Size etc. | NA                                                                                   |
| d) | Brand Name                                 | NA                                                                                   |
| e) | Declared Values,if any                     | NA                                                                                   |
| f) | Code No.                                   |  |
| g) | Batch Number #                             | NA                                                                                   |
| h) | D.O.M #                                    | NA                                                                                   |
| i) | Date of Expiry #                           | NA                                                                                   |
| j) | Sample Quantity #                          | 6 Ltr 100ml                                                                          |
| k) | Batch Size/Location #                      | NA                                                                                   |
| l) | Mode of Packing                            | Packed in bottles                                                                    |
| m) | Date of Receipt                            | 28-03-2022                                                                           |
| n) | Date of Start                              | 28-03-2022                                                                           |
| o) | Date of Completion                         | 06-04-2022                                                                           |
| p) | Seal (Intact/Not Intact/Unsealed)          | NA                                                                                   |
| q) | IO'S Signature (Signed/Unsigned)           | Unsigned                                                                             |
| r) | Any Other Information                      | Sample Collected by lab rep. Mr. Veedpal on 24.03.2022,<br>Sample of UP Streaan      |

  
 06-04-2022  
 Gaurav Khandelwal  
 [Authorized Signatory]

  
 Vikrant  
 06-04-2022  
 Reviewer

  
 06-04-2022  
 PremKumar  
 [Authorized Signatory]

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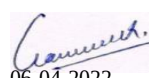
|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2203281404<br><b>Sample Reg. Date</b> :28-03-2022<br><b>Report Date</b> :06-04-2022<br><b>Report No.</b> :ICE-2204060165<br><b>NABL ULR No.</b> :TC592622000005639F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

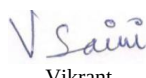
|    |                              |                                           |
|----|------------------------------|-------------------------------------------|
| s) | Test Request Submitted By    | Jhajjar Power Limited-Jhajjar ( Haryana ) |
| t) | Manufactured By <sup>#</sup> | NA                                        |
| u) | Supplied By <sup>#</sup>     | NA                                        |

### PART B : SUPPLEMENTARY INFORMATIONS

|    |                                                                                                                                                              |       |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| a. | Reference to sampling procedure, whenever applicable                                                                                                         | : N/A |
| b. | Supporting documents for the measurement taken and results derived like graphs, tables, sketches and / or photographs as appropriate to test reports, if any | : N/A |
| c. | Deviation from the test methods as prescribed in relevant ISS/WORK Instruments, if any                                                                       | : N/A |

| Description                                     |                |                                          |                  |                   |           |
|-------------------------------------------------|----------------|------------------------------------------|------------------|-------------------|-----------|
| Description                                     |                | Coloured liquid with suspended particles |                  |                   |           |
| S.No.                                           | Parameters     | Method                                   | Acceptable Limit | Permissible Limit | Result    |
| <b>Discipline : Chemical</b>                    |                |                                          |                  |                   |           |
| <b>Group : Water</b>                            |                |                                          |                  |                   |           |
| <b>1. Organoleptic &amp; Physical Parameter</b> |                |                                          |                  |                   |           |
| a.                                              | Colour (Hazen) | IS:3025(Part4):1983(RA:2017)amd. no1     | 5 Max.           | 15 Max.           | 146       |
| b.                                              | Taste          | IS:3025(Part 8):1984(RA:2017)            | Agreeable        | -                 | *         |
| c.                                              | Odour          | IS:3025(Part 5):1983(RA:2017)            | Agreeable        | -                 | Agreeable |
| d.                                              | pH Value       | IS:3025 (Part - 11):1983(RA:2017)        | 6.5-8.5          | No relaxation     | 7.64      |
| e.                                              | Turbidity(NTU) | IS:3025(Part 10):1984(RA:2017)           | 1 Max.           | 5 Max.            | 206       |

  
 06-04-2022  
 Gaurav Khandelwal  
 [Authorized Signatory]

  
 Vikrant  
 06-04-2022  
 Reviewer

  
 06-04-2022  
 PremKumar  
 [Authorized Signatory]

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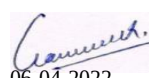
## Test Report

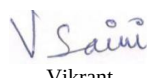
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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2203281404<br><b>Sample Reg. Date</b> :28-03-2022<br><b>Report Date</b> :06-04-2022<br><b>Report No.</b> :ICE-2204060165<br><b>NABL ULR No.</b> :TC592622000005639F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|    |                                                                      |                                                          |            |               |                  |
|----|----------------------------------------------------------------------|----------------------------------------------------------|------------|---------------|------------------|
| f. | Total Dissolved Solids,(mg/l)                                        | IS:3025(Part 16):1984(RA.2006)                           | 500 Max.   | 2000 Max.     | 9386             |
| 2. | <b>Parameters Concerning Undesirable Substances in excess amount</b> |                                                          |            |               |                  |
| a. | Aluminium as Al, (mg/l)                                              | IS:3025(Part 55):RA2014                                  | 0.03 Max.  | 0.2 Max.      | BLQ(LOQ : 0.02)  |
| b. | Ammonia (as total ammonia-N) (mg/l)                                  | IS:3025(Part 34):1988(RA:2014)                           | 0.5 Max.   | No Relaxation | BLQ(LOQ : 0.1)   |
| c. | Anionic detergent(as MBAS),(mg/l)                                    | IS:13428:2005(RA:2009)-Annex K                           | 0.2 Max.   | 1.0 Max.      | BLQ(LOQ : 0.05)  |
| d. | Barium (as Ba) (mg/l)                                                | IS:13428:2005(RA:2014)Annex. F/IS:3025(P-65)             | 0.7 Max.   | No relaxation | BLQ(LOQ : 0.3)   |
| e. | Boron (as B) (mg/l)                                                  | Apha 23rd Edn.2017-3120 B/IS:3025(Part 57):2004(RA:2017) | 0.5 Max.   | 2.4 Max.      | BLQ(LOQ : 0.5)   |
| f. | Calcium(as Ca), (mg/l)                                               | IS:3025(Part 40):1991(RA:2014) amd no 1                  | 75 Max.    | 200 Max.      | 189.1            |
| g. | Chloramines (as Cl <sub>2</sub> ), (mg/l)                            | IS:3025(Part 26):1986(RA:2014)a md no 1                  | 4.0 Max.   | No relaxation | BLQ(LOQ : 0.03)  |
| h. | Chloride(as Cl) (mg/l)                                               | IS:3025(Part 32):1988(RA:2014)                           | 250 Max.   | 1000 Max.     | 882              |
| i. | Copper (as Cu) (mg/l)                                                | IS:3025(P-65)                                            | 0.05 Max.  | 1.5 Max.      | BLQ(LOQ:0.002)   |
| j. | Fluoride as F (mg/l)                                                 | IS:3025(Part 60):2008 amd. no 1(RA:2013)                 | 1.0 Max.   | 1.5 Max.      | 2.0              |
| k. | Phenolic compounds (as C <sub>6</sub> H <sub>5</sub> OH), (mg/l)     | IS:3025(P-43)                                            | 0.001 Max. | 0.002 Max.    | BLQ(LOQ : 0.001) |
| l. | Free Residual Chlorine, (mg/l)                                       | IS:3025(P-26)                                            | 0.2 Min.   | 1.0 Max.      | Not Applicable   |
| m. | Iron (as Fe) (mg/l)                                                  | IS:3025(Part 53):2003(RA:2014)                           | 1.0 Max.   | No relaxation | 0.82             |

  
 06-04-2022  
 Gaurav Khandelwal  
 [Authorized Signatory]

  
 Vikrant  
 06-04-2022  
 Reviewer

  
 06-04-2022  
 PremKumar  
 [Authorized Signatory]

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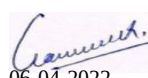
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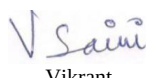
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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2203281404<br><b>Sample Reg. Date</b> :28-03-2022<br><b>Report Date</b> :06-04-2022<br><b>Report No.</b> :ICE-2204060165<br><b>NABL ULR No.</b> :TC592622000005639F<br><b>Customer Ref. No.:</b> Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                  |                                               |                                                          |            |               |                 |
|--------------------------------------------------|-----------------------------------------------|----------------------------------------------------------|------------|---------------|-----------------|
| n.                                               | Magnesium as Mg (mg/l)                        | IS:3025(Part 46):1994 amd. no. 2(RA:2014)                | 30 Max.    | 100 Max.      | 144.5           |
| o.                                               | Manganese as Mn, (mg/l)                       | Apha 23rd Edn.2017-3125 B/IS:3025(Part 59):2004(RA:2017) | 0.1 Max.   | 0.3 Max.      | BLQ(LOQ : 0.1)  |
| p.                                               | Mineral Oil, (mg/l)                           | Clause 6 of IS:3025(Part39)                              | 1.0 Max.   | No Relaxation | BLQ(LOQ:0.01)   |
| q.                                               | Nitrate as NO <sub>3</sub> (mg/l)             | IS:3025(Part 34):1988(RA:2014)                           | 45 Max.    | No Relaxation | 32              |
| r.                                               | Selenium (as Se) (mg/l)                       | IS:3025(P-65)                                            | 0.01 Max.  | No Relaxation | BLQ(LOQ:0.002)  |
| s.                                               | Silver (as Ag) (mg/l)                         | IS:3025(P-65)                                            | 0.1 Max.   | No Relaxation | BLQ(LOQ:0.002)  |
| t.                                               | Sulphate(as SO <sub>4</sub> ) (mg/l)          | APHA-23rd Edition                                        | 200 Max.   | 400 Max.      | 1260.3          |
| u.                                               | Sulphide as H <sub>2</sub> S, (mg/l)          | IS:3025(Part 29)                                         | 0.05 Max.  | No Relaxation | BLQ(LOQ : 0.05) |
| v.                                               | Total Alkalinity(as CaCO <sub>3</sub> )(mg/l) | IS:3025(Part 23)                                         | 200 Max.   | 600 Max.      | 408             |
| w.                                               | Total Hardness(as CaCO <sub>3</sub> ), (mg/l) | IS 3025 (Part 21)                                        | 200 Max.   | 600 Max.      | 1067.5          |
| x.                                               | Zinc(as Zn)(mg/l)                             | IS:3025(P-65)                                            | 5 Max.     | 15 Max.       | 0.20            |
| <b>3. Parameters Concerning Toxic Substances</b> |                                               |                                                          |            |               |                 |
| a.                                               | Cadmium(as Cd)(mg/l)                          | IS:3025(P-65)                                            | 0.003 Max. | No Relaxation | BLQ(LOQ:0.002)  |
| b.                                               | Cyanide(asCN)(mg/l)                           | IS:3025(Part 27)                                         | 0.05 Max.  | No Relaxation | BLQ(LOQ : 0.01) |
| c.                                               | Lead(as Pb)(mg/l)                             | IS:3025(P-65)                                            | 0.01 Max.  | No Relaxation | BLQ(LOQ:0.002)  |
| d.                                               | Mercury(as Hg)(mg/l)                          | IS:3025(P-65)                                            | 0.001 Max. | No Relaxation | BLQ(LOQ:0.001)  |
| e.                                               | Molybdenum(as Mo)(mg/l)                       | IS:3025(P-65)                                            | 0.07 Max.  | No Relaxation | BLQ(LOQ:0.002)  |
| f.                                               | Nickel(as Ni) (mg/l)                          | IS:3025(P-65)                                            | 0.02 Max.  | No Relaxation | BLQ(LOQ:0.002)  |
| g.                                               | Total Arsenic(as As)(mg/l)                    | IS:3025(P-65)                                            | 0.01 Max.  | No relaxation | BLQ(LOQ:0.002)  |
| h.                                               | Total Chromium(as Cr)(mg/l)                   | IS:3025(P-65)                                            | 0.05 Max.  | No Relaxation | BLQ(LOQ:0.002)  |
| <b>Discipline : Biological</b>                   |                                               |                                                          |            |               |                 |

  
 06-04-2022  
 Gaurav Khandelwal  
 [Authorized Signatory]

  
 Vikrant  
 06-04-2022  
 Reviewer

  
 06-04-2022  
 PremKumar  
 [Authorized Signatory]

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2203281404<br><b>Sample Reg. Date</b> :28-03-2022<br><b>Report Date</b> :06-04-2022<br><b>Report No.</b> :ICE-2204060165<br><b>NABL ULR No.</b> :TC592622000005639F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

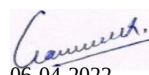
|    |                              |                                      |                                              |   |        |
|----|------------------------------|--------------------------------------|----------------------------------------------|---|--------|
|    | <b>Group : Water</b>         |                                      |                                              |   |        |
| 1. | <b>Microbiological Tests</b> |                                      |                                              |   |        |
| a. | <i>E.Coli/100 ml</i>         | IS:15185(Membrane Filtration Method) | Shall not be detectable in any 100 ml sample | - | Absent |
| b. | Total Coliform Count/100 ml  | IS:15185(Membrane Filtration Method) | Shall not be detectable in any 100 ml sample | - | Absent |

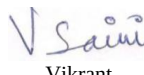
'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification. Sampling Procedure: SOP/ITC/EW/030. \* Test not performed because sample is not Safe For Ingestion.

**REMARKS :**N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
06-04-2022  
Gaurav Khandelwal  
[Authorized Signatory]

  
Vikrant  
06-04-2022  
Reviewer

  
06-04-2022  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
Panchkula-134109 (Haryana)  
Phone : (O) 0172-2561543, 2565825  
Email : customersupport@itclabs.com  
Visit us :www.itclabs.com

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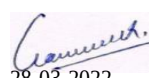
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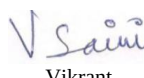
|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2203150813<br><b>Sample Reg. Date</b> :15-03-2022<br><b>Report Date</b> :28-03-2022<br><b>Report No.</b> :ICE-2203281740<br><b>NABL ULR No.</b> :TC592622000005122F<br><b>Customer Ref. No.:</b> Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                               |                                        |
|---------------------------------------------------------------|----------------------------------------|
| <b>Test Report as per IS:</b> BIS Specification IS:10500-2012 | <b>With Amendment No.(s):</b> 01 to 03 |
|---------------------------------------------------------------|----------------------------------------|

### PART A : PARTICULARS OF SAMPLE SUBMITTED

|    |                                            |                                                                                               |
|----|--------------------------------------------|-----------------------------------------------------------------------------------------------|
| a) | Nature of Sample #                         | Bore Well Water                                                                               |
| b) | Sample Condition                           | Good                                                                                          |
| c) | Grade / Variety / Type / Class / Size etc. | NA                                                                                            |
| d) | Brand Name                                 | NA                                                                                            |
| e) | Declared Values,if any                     | NA                                                                                            |
| f) | Code No.                                   |           |
| g) | Batch Number #                             | NA                                                                                            |
| h) | D.O.M #                                    | NA                                                                                            |
| i) | Date of Expiry #                           | NA                                                                                            |
| j) | Sample Quantity #                          | 6 Ltr                                                                                         |
| k) | Batch Size/Location #                      | NA                                                                                            |
| l) | Mode of Packing                            | Packed in bottles                                                                             |
| m) | Date of Receipt                            | 15-03-2022                                                                                    |
| n) | Date of Start                              | 15-03-2022                                                                                    |
| o) | Date of Completion                         | 28-03-2022                                                                                    |
| p) | Seal (Intact/Not Intact/Unsealed)          | NA                                                                                            |
| q) | IO'S Signature (Signed/Unsigned)           | Unsigned                                                                                      |
| r) | Any Other Information                      | Sample Collected by lab rep. Mr. Veedpal on 11.03.2022,<br>Sample from Village; Khanpur Kalan |

  
 28-03-2022  
 Gaurav Khandelwal  
 [Authorized Signatory]

  
 Vikrant  
 28-03-2022  
 Reviewer

  
 28-03-2022  
 PremKumar  
 [Authorized Signatory]

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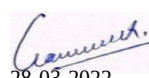
|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2203150813<br><b>Sample Reg. Date</b> :15-03-2022<br><b>Report Date</b> :28-03-2022<br><b>Report No.</b> :ICE-2203281740<br><b>NABL ULR No.</b> :TC592622000005122F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

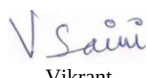
|    |                              |                                           |
|----|------------------------------|-------------------------------------------|
| s) | Test Request Submitted By    | Jhajjar Power Limited-Jhajjar ( Haryana ) |
| t) | Manufactured By <sup>#</sup> | NA                                        |
| u) | Supplied By <sup>#</sup>     | NA                                        |

### PART B : SUPPLEMENTARY INFORMATIONS

|    |                                                                                                                                                              |       |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| a. | Reference to sampling procedure, whenever applicable                                                                                                         | : N/A |
| b. | Supporting documents for the measurement taken and results derived like graphs, tables, sketches and / or photographs as appropriate to test reports, if any | : N/A |
| c. | Deviation from the test methods as prescribed in relevant ISS/WORK Instruments, if any                                                                       | : N/A |

| Description |                                             |                                      |                  |                   |           |
|-------------|---------------------------------------------|--------------------------------------|------------------|-------------------|-----------|
| Description |                                             | Clear colorless liquid .             |                  |                   |           |
| S.No.       | Parameters                                  | Method                               | Acceptable Limit | Permissible Limit | Result    |
|             | <b>Discipline : Chemical</b>                |                                      |                  |                   |           |
|             | <b>Group : Water</b>                        |                                      |                  |                   |           |
| 1.          | <b>Organoleptic &amp;Physical Parameter</b> |                                      |                  |                   |           |
| a.          | Colour (Hazen)                              | IS:3025(Part4):1983(RA:2017)amd. no1 | 5 Max.           | 15 Max.           | 4         |
| b.          | Taste                                       | IS:3025(Part 8):1984(RA:2017)        | Agreeable        | -                 | Agreeable |
| c.          | Odour                                       | IS:3025(Part 5):1983(RA:2017)        | Agreeable        | -                 | Agreeable |
| d.          | pH Value                                    | IS:3025 (Part - 11):1983(RA:2017)    | 6.5-8.5          | No relaxation     | 7.69      |
| e.          | Turbidity(NTU)                              | IS:3025(Part 10):1984(RA:2017)       | 1 Max.           | 5 Max.            | 1.62      |

  
28-03-2022  
Gaurav Khandelwal  
[Authorized Signatory]

  
Vikrant  
28-03-2022  
Reviewer

  
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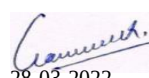
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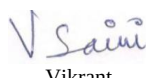
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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|    |                                                                      |                                                          |            |               |                |
|----|----------------------------------------------------------------------|----------------------------------------------------------|------------|---------------|----------------|
| f. | Total Dissolved Solids,(mg/l)                                        | IS:3025(Part 16):1984(RA.2006)                           | 500 Max.   | 2000 Max.     | 920            |
| 2. | <b>Parameters Concerning Undesirable Substances in excess amount</b> |                                                          |            |               |                |
| a. | Aluminium as Al, (mg/l)                                              | IS:3025(Part 55):RA2014                                  | 0.03 Max.  | 0.2 Max.      | BLQ(LOQ:0.02)  |
| b. | Ammonia (as total ammonia-N) (mg/l)                                  | IS:3025(Part 34):1988(RA:2014)                           | 0.5 Max.   | No Relaxation | BLQ(LOQ:0.1)   |
| c. | Anionic detergent(as MBAS),(mg/l)                                    | IS:13428:2005(RA:2009)-Annex K                           | 0.2 Max.   | 1.0 Max.      | BLQ(LOQ:0.05)  |
| d. | Barium (as Ba) (mg/l)                                                | IS:13428:2005(RA:2014)Annex. F/IS:3025(P-65)             | 0.7 Max.   | No relaxation | BLQ(LOQ:0.3)   |
| e. | Boron (as B) (mg/l)                                                  | Apha 23rd Edn.2017-3120 B/IS:3025(Part 57):2004(RA:2017) | 0.5 Max.   | 2.4 Max.      | BLQ(LOQ:0.5)   |
| f. | Calcium(as Ca), (mg/l)                                               | IS:3025(Part 40):1991(RA:2014) amd no 1                  | 75 Max.    | 200 Max.      | 116.1          |
| g. | Chloramines (as Cl <sub>2</sub> ), (mg/l)                            | IS:3025(Part 26):1986 amd no 1(RA 2014)                  | 4.0 Max.   | No relaxation | BLQ(LOQ:0.03)  |
| h. | Chloride(as Cl) (mg/l)                                               | IS:3025(Part 32):1988(RA:2014)                           | 250 Max.   | 1000 Max.     | 56.3           |
| i. | Copper (as Cu) (mg/l)                                                | IS:3025(P-65)                                            | 0.05 Max.  | 1.5 Max.      | BLQ(LOQ:0.002) |
| j. | Fluoride as F (mg/l)                                                 | IS:3025(Part 60):2008 amd. no 1(RA:2013)                 | 1.0 Max.   | 1.5 Max.      | 0.4            |
| k. | Phenolic compounds (as C <sub>6</sub> H <sub>5</sub> OH), (mg/l)     | IS:3025(P-43)                                            | 0.001 Max. | 0.002 Max.    | BLQ(LOQ:0.001) |
| l. | Free Residual Chlorine, (mg/l)                                       | IS:3025(P-26)                                            | 0.2 Min.   | 1.0 Max.      | Not applicable |
| m. | Iron (as Fe) (mg/l)                                                  | IS:3025(Part 53):2003(RA:2014)                           | 1.0 Max.   | No relaxation | BLQ(LOQ:0.01)  |

  
 28-03-2022  
 Gaurav Khandelwal  
 [Authorized Signatory]

  
 Vikrant  
 28-03-2022  
 Reviewer

  
 28-03-2022  
 PremKumar  
 [Authorized Signatory]

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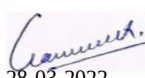
## Test Report

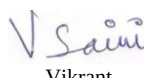
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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2203150813<br><b>Sample Reg. Date</b> :15-03-2022<br><b>Report Date</b> :28-03-2022<br><b>Report No.</b> :ICE-2203281740<br><b>NABL ULR No.</b> :TC592622000005122F<br><b>Customer Ref. No.:</b> Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                  |                                               |                                                          |            |               |                |
|--------------------------------------------------|-----------------------------------------------|----------------------------------------------------------|------------|---------------|----------------|
| n.                                               | Magnesium as Mg (mg/l)                        | IS:3025(Part 46):1994 amd. no. 2(RA:2014)                | 30 Max.    | 100 Max.      | 48.9           |
| o.                                               | Manganese as Mn, (mg/l)                       | Apha 23rd Edn.2017-3125 B/IS:3025(Part 59):2004(RA:2017) | 0.1 Max.   | 0.3 Max.      | BLQ(LOQ:0.1)   |
| p.                                               | Mineral Oil, (mg/l)                           | Clause 6 of IS:3025(Part39)                              | 1.0 Max.   | No Relaxation | BLQ(LOQ:0.01)  |
| q.                                               | Nitrate as NO <sub>3</sub> (mg/l)             | IS:3025(Part 34):1988(RA:2014)                           | 45 Max.    | No Relaxation | BLQ(LOQ:1.0)   |
| r.                                               | Selenium (as Se) (mg/l)                       | IS:3025(P-65)                                            | 0.01 Max.  | No Relaxation | BLQ(LOQ:0.002) |
| s.                                               | Silver (as Ag) (mg/l)                         | IS:3025(P-65)                                            | 0.1 Max.   | No Relaxation | BLQ(LOQ:0.002) |
| t.                                               | Sulphate(as SO <sub>4</sub> ) (mg/l)          | APHA-23rd Edition                                        | 200 Max.   | 400 Max.      | 68.3           |
| u.                                               | Sulphide as H <sub>2</sub> S, (mg/l)          | IS:3025(Part 29)                                         | 0.05 Max.  | No Relaxation | BLQ(LOQ:0.05)  |
| v.                                               | Total Alkalinity(as CaCO <sub>3</sub> )(mg/l) | IS:3025(Part 23)                                         | 200 Max.   | 600 Max.      | 486.2          |
| w.                                               | Total Hardness(as CaCO <sub>3</sub> ), (mg/l) | IS 3025 (Part 21)                                        | 200 Max.   | 600 Max.      | 491.5          |
| x.                                               | Zinc(as Zn)(mg/l)                             | IS:3025(P-65)                                            | 5 Max.     | 15 Max.       | 0.643          |
| <b>3. Parameters Concerning Toxic Substances</b> |                                               |                                                          |            |               |                |
| a.                                               | Cadmium(as Cd)(mg/l)                          | IS:3025(P-65)                                            | 0.003 Max. | No Relaxation | BLQ(LOQ:0.002) |
| b.                                               | Cyanide(asCN)(mg/l)                           | IS:3025(Part 27)                                         | 0.05 Max.  | No Relaxation | BLQ(LOQ:0.01)  |
| c.                                               | Lead(as Pb)(mg/l)                             | IS:3025(P-65)                                            | 0.01 Max.  | No Relaxation | BLQ(LOQ:0.002) |
| d.                                               | Mercury(as Hg)(mg/l)                          | IS:3025(P-65)                                            | 0.001 Max. | No Relaxation | BLQ(LOQ:0.001) |
| e.                                               | Molybdenum(as Mo)(mg/l)                       | IS:3025(P-65)                                            | 0.07 Max.  | No Relaxation | BLQ(LOQ:0.002) |
| f.                                               | Nickel(as Ni) (mg/l)                          | IS:3025(P-65)                                            | 0.02 Max.  | No Relaxation | 0.008          |
| g.                                               | Total Arsenic(as As)(mg/l)                    | IS:3025(P-65)                                            | 0.01 Max.  | No relaxation | BLQ(LOQ:0.002) |
| h.                                               | Total Chromium(as Cr)(mg/l)                   | IS:3025(P-65)                                            | 0.05 Max.  | No Relaxation | BLQ(LOQ:0.002) |
| <b>Discipline : Biological</b>                   |                                               |                                                          |            |               |                |

  
 28-03-2022  
 Gaurav Khandelwal  
 [Authorized Signatory]

  
 Vikrant  
 28-03-2022  
 Reviewer

  
 28-03-2022  
 PremKumar  
 [Authorized Signatory]

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## Test Report

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2203150813<br><b>Sample Reg. Date</b> :15-03-2022<br><b>Report Date</b> :28-03-2022<br><b>Report No.</b> :ICE-2203281740<br><b>NABL ULR No.</b> :TC592622000005122F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
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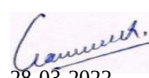
|    |                              |                                      |                                              |   |        |
|----|------------------------------|--------------------------------------|----------------------------------------------|---|--------|
|    | <b>Group : Water</b>         |                                      |                                              |   |        |
| 1. | <b>Microbiological Tests</b> |                                      |                                              |   |        |
| a. | E.Coli/100 ml                | IS:15185(Membrane Filtration Method) | Shall not be detectable in any 100 ml sample | - | Absent |
| b. | Total Coliform Count/100 ml  | IS:15185(Membrane Filtration Method) | Shall not be detectable in any 100 ml sample | - | Absent |

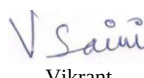
'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification. Sampling Procedure: SOP/ITC/EW/030.

**REMARKS :** The above referred sample of Bore Well Water conforms to BIS Specification IS:10500-2012 with upto date amdots with respect to the above tests.

**\*\*\*\*\*End Of Report\*\*\*\*\***

  
28-03-2022  
**Gaurav Khandelwal**  
[Authorized Signatory]

  
Vikrant  
28-03-2022  
**Reviewer**

  
28-03-2022  
**PremKumar**  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
Panchkula-134109 (Haryana)  
Phone : (O) 0172-2561543, 2565825  
Email : customersupport@itclabs.com  
Visit us : www.itclabs.com

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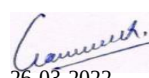
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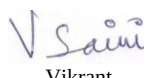
|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2203150815<br><b>Sample Reg. Date</b> :15-03-2022<br><b>Report Date</b> :28-03-2022<br><b>Report No.</b> :ICE-2203281746<br><b>NABL ULR No.</b> :TC592622000005124F<br><b>Customer Ref. No.:</b> Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                               |                                        |
|---------------------------------------------------------------|----------------------------------------|
| <b>Test Report as per IS:</b> BIS Specification IS:10500-2012 | <b>With Amendment No.(s):</b> 01 to 03 |
|---------------------------------------------------------------|----------------------------------------|

### PART A : PARTICULARS OF SAMPLE SUBMITTED

|    |                                            |                                                                                               |
|----|--------------------------------------------|-----------------------------------------------------------------------------------------------|
| a) | Nature of Sample #                         | Bore Well Water                                                                               |
| b) | Sample Condition                           | Good                                                                                          |
| c) | Grade / Variety / Type / Class / Size etc. | NA                                                                                            |
| d) | Brand Name                                 | NA                                                                                            |
| e) | Declared Values,if any                     | NA                                                                                            |
| f) | Code No.                                   |           |
| g) | Batch Number #                             | NA                                                                                            |
| h) | D.O.M #                                    | NA                                                                                            |
| i) | Date of Expiry #                           | NA                                                                                            |
| j) | Sample Quantity #                          | 6 Ltr                                                                                         |
| k) | Batch Size/Location #                      | NA                                                                                            |
| l) | Mode of Packing                            | Packed in bottles                                                                             |
| m) | Date of Receipt                            | 15-03-2022                                                                                    |
| n) | Date of Start                              | 15-03-2022                                                                                    |
| o) | Date of Completion                         | 28-03-2022                                                                                    |
| p) | Seal (Intact/Not Intact/Unsealed)          | NA                                                                                            |
| q) | IO'S Signature (Signed/Unsigned)           | Unsigned                                                                                      |
| r) | Any Other Information                      | Sample Collected by lab rep. Mr. Veedpal on 11.03.2022,<br>Sample from Village: Khanpur Khurd |

  
 26-03-2022  
 Gaurav Khandelwal  
 [Authorized Signatory]

  
 Vikrant  
 28-03-2022  
 Reviewer

  
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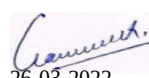
|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2203150815<br><b>Sample Reg. Date</b> :15-03-2022<br><b>Report Date</b> :28-03-2022<br><b>Report No.</b> :ICE-2203281746<br><b>NABL ULR No.</b> :TC592622000005124F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
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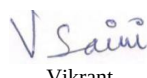
|    |                              |                                           |
|----|------------------------------|-------------------------------------------|
| s) | Test Request Submitted By    | Jhajjar Power Limited-Jhajjar ( Haryana ) |
| t) | Manufactured By <sup>#</sup> | NA                                        |
| u) | Supplied By <sup>#</sup>     | NA                                        |

### PART B : SUPPLEMENTARY INFORMATIONS

|    |                                                                                                                                                              |       |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| a. | Reference to sampling procedure, whenever applicable                                                                                                         | : N/A |
| b. | Supporting documents for the measurement taken and results derived like graphs, tables, sketches and / or photographs as appropriate to test reports, if any | : N/A |
| c. | Deviation from the test methods as prescribed in relevant ISS/WORK Instruments, if any                                                                       | : N/A |

| Description |                                              |                                      |                  |                   |           |
|-------------|----------------------------------------------|--------------------------------------|------------------|-------------------|-----------|
| Description |                                              | Clear colourless liquid.             |                  |                   |           |
| S.No.       | Parameters                                   | Method                               | Acceptable Limit | Permissible Limit | Result    |
|             | <b>Discipline : Chemical</b>                 |                                      |                  |                   |           |
|             | <b>Group : Water</b>                         |                                      |                  |                   |           |
| <b>1.</b>   | <b>Organoleptic &amp; Physical Parameter</b> |                                      |                  |                   |           |
| a.          | Colour (Hazen)                               | IS:3025(Part4):1983(RA:2017)amd. no1 | 5 Max.           | 15 Max.           | 4         |
| b.          | Taste                                        | IS:3025(Part 8):1984(RA:2017)        | Agreeable        | -                 | Agreeable |
| c.          | Odour                                        | IS:3025(Part 5):1983(RA:2017)        | Agreeable        | -                 | Agreeable |
| d.          | pH Value                                     | IS:3025 (Part - 11):1983(RA:2017)    | 6.5-8.5          | No relaxation     | 7.84      |
| e.          | Turbidity(NTU)                               | IS:3025(Part 10):1984(RA:2017)       | 1 Max.           | 5 Max.            | 1.50      |

  
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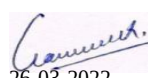
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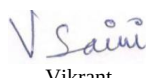
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|    |                                                                      |                                                          |            |               |                |
|----|----------------------------------------------------------------------|----------------------------------------------------------|------------|---------------|----------------|
| f. | Total Dissolved Solids,(mg/l)                                        | IS:3025(Part 16):1984(RA.2006)                           | 500 Max.   | 2000 Max.     | 901            |
| 2. | <b>Parameters Concerning Undesirable Substances in excess amount</b> |                                                          |            |               |                |
| a. | Aluminium as Al, (mg/l)                                              | IS:3025(Part 55):RA2014                                  | 0.03 Max.  | 0.2 Max.      | BLQ(LOQ:0.02)  |
| b. | Ammonia (as total ammonia-N) (mg/l)                                  | IS:3025(Part 34):1988(RA:2014)                           | 0.5 Max.   | No Relaxation | BLQ(LOQ:0.1)   |
| c. | Anionic detergent(as MBAS),(mg/l)                                    | IS:13428:2005(RA:2009)-Annex K                           | 0.2 Max.   | 1.0 Max.      | BLQ(LOQ:0.05)  |
| d. | Barium (as Ba) (mg/l)                                                | IS:13428:2005(RA:2014)Annex. F/IS:3025(P-65)             | 0.7 Max.   | No relaxation | BLQ(LOQ:0.3)   |
| e. | Boron (as B) (mg/l)                                                  | Apha 23rd Edn.2017-3120 B/IS:3025(Part 57):2004(RA:2017) | 0.5 Max.   | 2.4 Max.      | BLQ(LOQ:0.5)   |
| f. | Calcium(as Ca), (mg/l)                                               | IS:3025(Part 40):1991(RA:2014) amd no 1                  | 75 Max.    | 200 Max.      | 109.2          |
| g. | Chloramines (as Cl <sub>2</sub> ), (mg/l)                            | IS:3025(Part 26):1986 amd no 1(RA 2014)                  | 4.0 Max.   | No relaxation | BLQ(LOQ:0.03)  |
| h. | Chloride(as Cl) (mg/l)                                               | IS:3025(Part 32):1988(RA:2014)                           | 250 Max.   | 1000 Max.     | 45             |
| i. | Copper (as Cu) (mg/l)                                                | IS:3025(P-65)                                            | 0.05 Max.  | 1.5 Max.      | BLQ(LOQ:0.002) |
| j. | Fluoride as F (mg/l)                                                 | IS:3025(Part 60):2008 amd. no 1(RA:2013)                 | 1.0 Max.   | 1.5 Max.      | 0.1            |
| k. | Phenolic compounds (as C <sub>6</sub> H <sub>5</sub> OH), (mg/l)     | IS:3025(P-43)                                            | 0.001 Max. | 0.002 Max.    | BLQ(LOQ:0.001) |
| l. | Free Residual Chlorine, (mg/l)                                       | IS:3025(P-26)                                            | 0.2 Min.   | 1.0 Max.      | Not Applicable |
| m. | Iron (as Fe) (mg/l)                                                  | IS:3025(Part 53):2003(RA:2014)                           | 1.0 Max.   | No relaxation | BLQ(LOQ:0.01)  |

  
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 28-03-2022  
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|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                  |                                               |                                                          |            |               |                |
|--------------------------------------------------|-----------------------------------------------|----------------------------------------------------------|------------|---------------|----------------|
| n.                                               | Magnesium as Mg (mg/l)                        | IS:3025(Part 46):1994 amd. no. 2(RA:2014)                | 30 Max.    | 100 Max.      | 50             |
| o.                                               | Manganese as Mn, (mg/l)                       | Apha 23rd Edn.2017-3125 B/IS:3025(Part 59):2004(RA:2017) | 0.1 Max.   | 0.3 Max.      | BLQ(LOQ:0.1)   |
| p.                                               | Mineral Oil, (mg/l)                           | Clause 6 of IS:3025(Part39)                              | 1.0 Max.   | No Relaxation | BLQ(LOQ:0.01)  |
| q.                                               | Nitrate as NO <sub>3</sub> (mg/l)             | IS:3025(Part 34):1988(RA:2014)                           | 45 Max.    | No Relaxation | BLQ(LOQ:1.0)   |
| r.                                               | Selenium (as Se) (mg/l)                       | IS:3025(P-65)                                            | 0.01 Max.  | No Relaxation | BLQ(LOQ:0.002) |
| s.                                               | Silver (as Ag) (mg/l)                         | IS:3025(P-65)                                            | 0.1 Max.   | No Relaxation | BLQ(LOQ:0.002) |
| t.                                               | Sulphate(as SO <sub>4</sub> ) (mg/l)          | APHA-23rd Edition                                        | 200 Max.   | 400 Max.      | 42.8           |
| u.                                               | Sulphide as H <sub>2</sub> S, (mg/l)          | IS:3025(Part 29)                                         | 0.05 Max.  | No Relaxation | BLQ(LOQ:0.05)  |
| v.                                               | Total Alkalinity(as CaCO <sub>3</sub> )(mg/l) | IS:3025(Part 23)                                         | 200 Max.   | 600 Max.      | 463.5          |
| w.                                               | Total Hardness(as CaCO <sub>3</sub> ), (mg/l) | IS 3025 (Part 21)                                        | 200 Max.   | 600 Max.      | 479            |
| x.                                               | Zinc(as Zn)(mg/l)                             | IS:3025(P-65)                                            | 5 Max.     | 15 Max.       | 0.003          |
| <b>3. Parameters Concerning Toxic Substances</b> |                                               |                                                          |            |               |                |
| a.                                               | Cadmium(as Cd)(mg/l)                          | IS:3025(P-65)                                            | 0.003 Max. | No Relaxation | BLQ(LOQ:0.002) |
| b.                                               | Cyanide(asCN)(mg/l)                           | IS:3025(Part 27)                                         | 0.05 Max.  | No Relaxation | BLQ(LOQ:0.01)  |
| c.                                               | Lead(as Pb)(mg/l)                             | IS:3025(P-65)                                            | 0.01 Max.  | No Relaxation | BLQ(LOQ:0.002) |
| d.                                               | Mercury(as Hg)(mg/l)                          | IS:3025(P-65)                                            | 0.001 Max. | No Relaxation | BLQ(LOQ:0.001) |
| e.                                               | Molybdenum(as Mo)(mg/l)                       | IS:3025(P-65)                                            | 0.07 Max.  | No Relaxation | BLQ(LOQ:0.002) |
| f.                                               | Nickel(as Ni) (mg/l)                          | IS:3025(P-65)                                            | 0.02 Max.  | No Relaxation | BLQ(LOQ:0.002) |
| g.                                               | Total Arsenic(as As)(mg/l)                    | IS:3025(P-65)                                            | 0.01 Max.  | No relaxation | BLQ(LOQ:0.002) |
| h.                                               | Total Chromium(as Cr)(mg/l)                   | IS:3025(P-65)                                            | 0.05 Max.  | No Relaxation | BLQ(LOQ:0.002) |
| <b>Discipline : Biological</b>                   |                                               |                                                          |            |               |                |

*Gaurav Khandelwal*

26-03-2022  
Gaurav Khandelwal  
[Authorized Signatory]

*Vikrant*

Vikrant  
28-03-2022  
Reviewer

*PremKumar*

28-03-2022  
PremKumar  
[Authorized Signatory]

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**Interstellar Testing Centre Pvt. Ltd.**

86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)

Panchkula-134109 (Haryana)

Phone : (O) 0172-2561543, 2565825

Email : customersupport@itclabs.com

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## Test Report

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2203150815<br><b>Sample Reg. Date</b> :15-03-2022<br><b>Report Date</b> :28-03-2022<br><b>Report No.</b> :ICE-2203281746<br><b>NABL ULR No.</b> :TC592622000005124F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

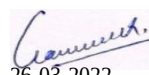
|    |                              |                                      |                                              |   |        |
|----|------------------------------|--------------------------------------|----------------------------------------------|---|--------|
|    | <b>Group : Water</b>         |                                      |                                              |   |        |
| 1. | <b>Microbiological Tests</b> |                                      |                                              |   |        |
| a. | E.Coli/100 ml                | IS:15185(Membrane Filtration Method) | Shall not be detectable in any 100 ml sample | - | Absent |
| b. | Total Coliform Count/100 ml  | IS:15185(Membrane Filtration Method) | Shall not be detectable in any 100 ml sample | - | Absent |

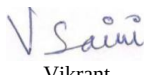
'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification. Sampling Procedure: SOP/ITC/EW/030.

**REMARKS :** The above referred sample of Bore Well Water conforms to BIS Specification IS:10500-2012 with upto date amdt with respect to the above tests.

\*\*\*\*\*End Of Report\*\*\*\*\*

  
26-03-2022  
Gaurav Khandelwal  
[Authorized Signatory]

  
Vikrant  
28-03-2022  
Reviewer

  
28-03-2022  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
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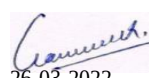
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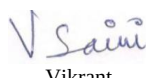
|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2203150817<br><b>Sample Reg. Date</b> :15-03-2022<br><b>Report Date</b> :28-03-2022<br><b>Report No.</b> :ICE-2203281748<br><b>NABL ULR No.</b> :TC592622000005123F<br><b>Customer Ref. No.:</b> Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                               |                                        |
|---------------------------------------------------------------|----------------------------------------|
| <b>Test Report as per IS:</b> BIS Specification IS:10500-2012 | <b>With Amendment No.(s):</b> 01 to 03 |
|---------------------------------------------------------------|----------------------------------------|

### PART A : PARTICULARS OF SAMPLE SUBMITTED

|    |                                            |                                                                                          |
|----|--------------------------------------------|------------------------------------------------------------------------------------------|
| a) | Nature of Sample #                         | Bore Well Water                                                                          |
| b) | Sample Condition                           | Good                                                                                     |
| c) | Grade / Variety / Type / Class / Size etc. | NA                                                                                       |
| d) | Brand Name                                 | NA                                                                                       |
| e) | Declared Values,if any                     | NA                                                                                       |
| f) | Code No.                                   |      |
| g) | Batch Number #                             | NA                                                                                       |
| h) | D.O.M #                                    | NA                                                                                       |
| i) | Date of Expiry #                           | NA                                                                                       |
| j) | Sample Quantity #                          | 6 Ltr                                                                                    |
| k) | Batch Size/Location #                      | NA                                                                                       |
| l) | Mode of Packing                            | Packed in bottles                                                                        |
| m) | Date of Receipt                            | 15-03-2022                                                                               |
| n) | Date of Start                              | 15-03-2022                                                                               |
| o) | Date of Completion                         | 28-03-2022                                                                               |
| p) | Seal (Intact/Not Intact/Unsealed)          | NA                                                                                       |
| q) | IO'S Signature (Signed/Unsigned)           | Unsigned                                                                                 |
| r) | Any Other Information                      | Sample Collected by lab rep. Mr. Veedpal on 11.03.2022,<br>Sample from Village: Wazidpur |

  
 26-03-2022  
 Gaurav Khandelwal  
 [Authorized Signatory]

  
 Vikrant  
 28-03-2022  
 Reviewer

  
 28-03-2022  
 PremKumar  
 [Authorized Signatory]

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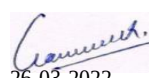
|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2203150817<br><b>Sample Reg. Date</b> :15-03-2022<br><b>Report Date</b> :28-03-2022<br><b>Report No.</b> :ICE-2203281748<br><b>NABL ULR No.</b> :TC592622000005123F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
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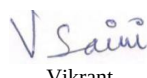
|    |                              |                                           |
|----|------------------------------|-------------------------------------------|
| s) | Test Request Submitted By    | Jhajjar Power Limited-Jhajjar ( Haryana ) |
| t) | Manufactured By <sup>#</sup> | NA                                        |
| u) | Supplied By <sup>#</sup>     | NA                                        |

### PART B : SUPPLIMENTARY INFORMATIONS

|    |                                                                                                                                                              |       |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| a. | Reference to sampling procedure, whenever applicable                                                                                                         | : N/A |
| b. | Supporting documents for the measurement taken and results derived like graphs, tables, sketches and / or photographs as appropriate to test reports, if any | : N/A |
| c. | Deviation from the test methods as prescribed in relevant ISS/WORK Instruments, if any                                                                       | : N/A |

| Description |                                             |                                      |                  |                   |           |
|-------------|---------------------------------------------|--------------------------------------|------------------|-------------------|-----------|
| Description |                                             | Clear colourless liquid.             |                  |                   |           |
| S.No.       | Parameters                                  | Method                               | Acceptable Limit | Permissible Limit | Result    |
|             | <b>Discipline : Chemical</b>                |                                      |                  |                   |           |
|             | <b>Group : Water</b>                        |                                      |                  |                   |           |
| <b>1.</b>   | <b>Organoleptic &amp;Physical Parameter</b> |                                      |                  |                   |           |
| a.          | Colour (Hazen)                              | IS:3025(Part4):1983(RA:2017)amd. no1 | 5 Max.           | 15 Max.           | 4         |
| b.          | Taste                                       | IS:3025(Part 8):1984(RA:2017)        | Agreeable        | -                 | Agreeable |
| c.          | Odour                                       | IS:3025(Part 5):1983(RA:2017)        | Agreeable        | -                 | Agreeable |
| d.          | pH Value                                    | IS:3025 (Part - 11):1983(RA:2017)    | 6.5-8.5          | No relaxation     | 7.70      |
| e.          | Turbidity(NTU)                              | IS:3025(Part 10):1984(RA:2017)       | 1 Max.           | 5 Max.            | 1.04      |

  
26-03-2022  
Gaurav Khandelwal  
[Authorized Signatory]

  
Vikrant  
28-03-2022  
Reviewer

  
28-03-2022  
PremKumar  
[Authorized Signatory]

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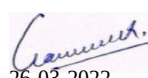
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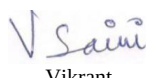
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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2203150817<br><b>Sample Reg. Date</b> :15-03-2022<br><b>Report Date</b> :28-03-2022<br><b>Report No.</b> :ICE-2203281748<br><b>NABL ULR No.</b> :TC592622000005123F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
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|    |                                                                      |                                                          |            |               |                |
|----|----------------------------------------------------------------------|----------------------------------------------------------|------------|---------------|----------------|
| f. | Total Dissolved Solids,(mg/l)                                        | IS:3025(Part 16):1984(RA.2006)                           | 500 Max.   | 2000 Max.     | 520            |
| 2. | <b>Parameters Concerning Undesirable Substances in excess amount</b> |                                                          |            |               |                |
| a. | Aluminium as Al, (mg/l)                                              | IS:3025(Part 55):RA2014                                  | 0.03 Max.  | 0.2 Max.      | BLQ(LOQ:0.02)  |
| b. | Ammonia (as total ammonia-N) (mg/l)                                  | IS:3025(Part 34):1988(RA:2014)                           | 0.5 Max.   | No Relaxation | BLQ(LOQ:0.1)   |
| c. | Anionic detergent(as MBAS),(mg/l)                                    | IS:13428:2005(RA:2009)-Annex K                           | 0.2 Max.   | 1.0 Max.      | BLQ(LOQ:0.05)  |
| d. | Barium (as Ba) (mg/l)                                                | IS:13428:2005(RA:2014)Annex. F/IS:3025(P-65)             | 0.7 Max.   | No relaxation | BLQ(LOQ:0.3)   |
| e. | Boron (as B) (mg/l)                                                  | Apha 23rd Edn.2017-3120 B/IS:3025(Part 57):2004(RA:2017) | 0.5 Max.   | 2.4 Max.      | BLQ(LOQ:0.5)   |
| f. | Calcium(as Ca), (mg/l)                                               | IS:3025(Part 40):1991(RA:2014) amd no 1                  | 75 Max.    | 200 Max.      | 64.2           |
| g. | Chloramines (as Cl <sub>2</sub> ), (mg/l)                            | IS:3025(Part 26):1986 amd no 1(RA 2014)                  | 4.0 Max.   | No relaxation | BLQ(LOQ:0.03)  |
| h. | Chloride(as Cl) (mg/l)                                               | IS:3025(Part 32):1988(RA:2014)                           | 250 Max.   | 1000 Max.     | 28.2           |
| i. | Copper (as Cu) (mg/l)                                                | IS:3025(P-65)                                            | 0.05 Max.  | 1.5 Max.      | BLQ(LOQ:0.002) |
| j. | Fluoride as F (mg/l)                                                 | IS:3025(Part 60):2008 amd. no 1(RA:2013)                 | 1.0 Max.   | 1.5 Max.      | 0.2            |
| k. | Phenolic compounds (as C <sub>6</sub> H <sub>5</sub> OH), (mg/l)     | IS:3025(P-43)                                            | 0.001 Max. | 0.002 Max.    | BLQ(LOQ:0.001) |
| l. | Free Residual Chlorine, (mg/l)                                       | IS:3025(P-26)                                            | 0.2 Min.   | 1.0 Max.      | Not Applicable |
| m. | Iron (as Fe) (mg/l)                                                  | IS:3025(Part 53):2003(RA:2014)                           | 1.0 Max.   | No relaxation | BLQ(LOQ:0.01)  |

  
 26-03-2022  
 Gaurav Khandelwal  
 [Authorized Signatory]

  
 Vikrant  
 28-03-2022  
 Reviewer

  
 28-03-2022  
 PremKumar  
 [Authorized Signatory]

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|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                  |                                               |                                                          |            |               |                |
|--------------------------------------------------|-----------------------------------------------|----------------------------------------------------------|------------|---------------|----------------|
| n.                                               | Magnesium as Mg (mg/l)                        | IS:3025(Part 46):1994 amd. no. 2(RA:2014)                | 30 Max.    | 100 Max.      | 21.2           |
| o.                                               | Manganese as Mn, (mg/l)                       | Apha 23rd Edn.2017-3125 B/IS:3025(Part 59):2004(RA:2017) | 0.1 Max.   | 0.3 Max.      | BLQ(LOQ:0.1)   |
| p.                                               | Mineral Oil, (mg/l)                           | Clause 6 of IS:3025(Part39)                              | 1.0 Max.   | No Relaxation | BLQ(LOQ:0.01)  |
| q.                                               | Nitrate as NO <sub>3</sub> (mg/l)             | IS:3025(Part 34):1988(RA:2014)                           | 45 Max.    | No Relaxation | BLQ(LOQ:1.0)   |
| r.                                               | Selenium (as Se) (mg/l)                       | IS:3025(P-65)                                            | 0.01 Max.  | No Relaxation | BLQ(LOQ:0.002) |
| s.                                               | Silver (as Ag) (mg/l)                         | IS:3025(P-65)                                            | 0.1 Max.   | No Relaxation | BLQ(LOQ:0.002) |
| t.                                               | Sulphate(as SO <sub>4</sub> ) (mg/l)          | APHA-23rd Edition                                        | 200 Max.   | 400 Max.      | 15.1           |
| u.                                               | Sulphide as H <sub>2</sub> S, (mg/l)          | IS:3025(Part 29)                                         | 0.05 Max.  | No Relaxation | BLQ(LOQ:0.05)  |
| v.                                               | Total Alkalinity(as CaCO <sub>3</sub> )(mg/l) | IS:3025(Part 23)                                         | 200 Max.   | 600 Max.      | 206            |
| w.                                               | Total Hardness(as CaCO <sub>3</sub> ), (mg/l) | IS 3025 (Part 21)                                        | 200 Max.   | 600 Max.      | 247.7          |
| x.                                               | Zinc(as Zn)(mg/l)                             | IS:3025(P-65)                                            | 5 Max.     | 15 Max.       | BLQ(LOQ:0.002) |
| <b>3. Parameters Concerning Toxic Substances</b> |                                               |                                                          |            |               |                |
| a.                                               | Cadmium(as Cd)(mg/l)                          | IS:3025(P-65)                                            | 0.003 Max. | No Relaxation | BLQ(LOQ:0.002) |
| b.                                               | Cyanide(asCN)(mg/l)                           | IS:3025(Part 27)                                         | 0.05 Max.  | No Relaxation | BLQ(LOQ:0.01)  |
| c.                                               | Lead(as Pb)(mg/l)                             | IS:3025(P-65)                                            | 0.01 Max.  | No Relaxation | BLQ(LOQ:0.002) |
| d.                                               | Mercury(as Hg)(mg/l)                          | IS:3025(P-65)                                            | 0.001 Max. | No Relaxation | BLQ(LOQ:0.001) |
| e.                                               | Molybdenum(as Mo)(mg/l)                       | IS:3025(P-65)                                            | 0.07 Max.  | No Relaxation | BLQ(LOQ:0.002) |
| f.                                               | Nickel(as Ni) (mg/l)                          | IS:3025(P-65)                                            | 0.02 Max.  | No Relaxation | BLQ(LOQ:0.002) |
| g.                                               | Total Arsenic(as As)(mg/l)                    | IS:3025(P-65)                                            | 0.01 Max.  | No relaxation | BLQ(LOQ:0.002) |
| h.                                               | Total Chromium(as Cr)(mg/l)                   | IS:3025(P-65)                                            | 0.05 Max.  | No Relaxation | BLQ(LOQ:0.002) |
| <b>Discipline : Biological</b>                   |                                               |                                                          |            |               |                |

*Gaurav Khandelwal*

26-03-2022  
Gaurav Khandelwal  
[Authorized Signatory]

*Vikrant*

Vikrant  
28-03-2022  
Reviewer

*PremKumar*

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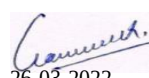
|    |                              |                                      |                                              |   |        |
|----|------------------------------|--------------------------------------|----------------------------------------------|---|--------|
|    | <b>Group : Water</b>         |                                      |                                              |   |        |
| 1. | <b>Microbiological Tests</b> |                                      |                                              |   |        |
| a. | <i>E.Coli/100 ml</i>         | IS:15185(Membrane Filtration Method) | Shall not be detectable in any 100 ml sample | - | Absent |
| b. | Total Coliform Count/100 ml  | IS:15185(Membrane Filtration Method) | Shall not be detectable in any 100 ml sample | - | Absent |

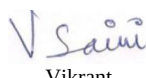
'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification. Sampling Procedure: SOP/ITC/EW/030.

**REMARKS :** The above referred sample of Bore Well Water conforms to BIS Specification IS:10500-2012 with upto date amdots with respect to the above tests.

\*\*\*\*\*End Of Report\*\*\*\*\*

  
 26-03-2022  
 Gaurav Khandelwal  
 [Authorized Signatory]

  
 Vikrant  
 28-03-2022  
 Reviewer

  
 28-03-2022  
 PremKumar  
 [Authorized Signatory]

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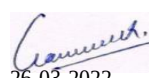
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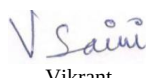
|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2203150819<br><b>Sample Reg. Date</b> :15-03-2022<br><b>Report Date</b> :28-03-2022<br><b>Report No.</b> :ICE-2203281749<br><b>NABL ULR No.</b> :TC592622000005115F<br><b>Customer Ref. No.:</b> Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                               |                                        |
|---------------------------------------------------------------|----------------------------------------|
| <b>Test Report as per IS:</b> BIS Specification IS:10500-2012 | <b>With Amendment No.(s):</b> 01 to 03 |
|---------------------------------------------------------------|----------------------------------------|

### PART A : PARTICULARS OF SAMPLE SUBMITTED

|    |                                            |                                                                                        |
|----|--------------------------------------------|----------------------------------------------------------------------------------------|
| a) | Nature of Sample #                         | Bore Well Water                                                                        |
| b) | Sample Condition                           | Good                                                                                   |
| c) | Grade / Variety / Type / Class / Size etc. | NA                                                                                     |
| d) | Brand Name                                 | NA                                                                                     |
| e) | Declared Values,if any                     | NA                                                                                     |
| f) | Code No.                                   |    |
| g) | Batch Number #                             | NA                                                                                     |
| h) | D.O.M #                                    | NA                                                                                     |
| i) | Date of Expiry #                           | NA                                                                                     |
| j) | Sample Quantity #                          | 6 Ltr                                                                                  |
| k) | Batch Size/Location #                      | NA                                                                                     |
| l) | Mode of Packing                            | Packed in bottles                                                                      |
| m) | Date of Receipt                            | 15-03-2022                                                                             |
| n) | Date of Start                              | 15-03-2022                                                                             |
| o) | Date of Completion                         | 28-03-2022                                                                             |
| p) | Seal (Intact/Not Intact/Unsealed)          | NA                                                                                     |
| q) | IO'S Signature (Signed/Unsigned)           | Unsigned                                                                               |
| r) | Any Other Information                      | Sample Collected by lab rep. Mr. Veedpal on 11.03.2022,<br>Sample from Village: Jhamri |

  
 26-03-2022  
 Gaurav Khandelwal  
 [Authorized Signatory]

  
 Vikrant  
 28-03-2022  
 Reviewer

  
 28-03-2022  
 PremKumar  
 [Authorized Signatory]

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## Test Report

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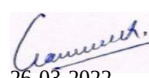
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2203150819<br><b>Sample Reg. Date</b> :15-03-2022<br><b>Report Date</b> :28-03-2022<br><b>Report No.</b> :ICE-2203281749<br><b>NABL ULR No.</b> :TC592622000005115F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
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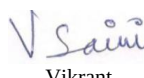
|    |                              |                                           |
|----|------------------------------|-------------------------------------------|
| s) | Test Request Submitted By    | Jhajjar Power Limited-Jhajjar ( Haryana ) |
| t) | Manufactured By <sup>#</sup> | NA                                        |
| u) | Supplied By <sup>#</sup>     | NA                                        |

### PART B : SUPPLEMENTARY INFORMATIONS

|    |                                                                                                                                                              |       |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| a. | Reference to sampling procedure, whenever applicable                                                                                                         | : N/A |
| b. | Supporting documents for the measurement taken and results derived like graphs, tables, sketches and / or photographs as appropriate to test reports, if any | : N/A |
| c. | Deviation from the test methods as prescribed in relevant ISS/WORK Instruments, if any                                                                       | : N/A |

| Description |                                             |                                      |                  |                   |           |
|-------------|---------------------------------------------|--------------------------------------|------------------|-------------------|-----------|
| Description |                                             | Clear colorless water .              |                  |                   |           |
| S.No.       | Parameters                                  | Method                               | Acceptable Limit | Permissible Limit | Result    |
|             | <b>Discipline : Chemical</b>                |                                      |                  |                   |           |
|             | <b>Group : Water</b>                        |                                      |                  |                   |           |
| 1.          | <b>Organoleptic &amp;Physical Parameter</b> |                                      |                  |                   |           |
| a.          | Colour (Hazen)                              | IS:3025(Part4):1983(RA:2017)amd. no1 | 5 Max.           | 15 Max.           | 4         |
| b.          | Taste                                       | IS:3025(Part 8):1984(RA:2017)        | Agreeable        | -                 | Agreeable |
| c.          | Odour                                       | IS:3025(Part 5):1983(RA:2017)        | Agreeable        | -                 | Agreeable |
| d.          | pH Value                                    | IS:3025 (Part - 11):1983(RA:2017)    | 6.5-8.5          | No relaxation     | 6.89      |
| e.          | Turbidity(NTU)                              | IS:3025(Part 10):1984(RA:2017)       | 1 Max.           | 5 Max.            | 0.7       |

  
26-03-2022  
Gaurav Khandelwal  
[Authorized Signatory]

  
Vikrant  
28-03-2022  
Reviewer

  
28-03-2022  
PremKumar  
[Authorized Signatory]

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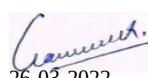
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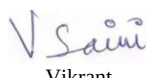
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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2203150819<br><b>Sample Reg. Date</b> :15-03-2022<br><b>Report Date</b> :28-03-2022<br><b>Report No.</b> :ICE-2203281749<br><b>NABL ULR No.</b> :TC592622000005115F<br><b>Customer Ref. No.:</b> Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|    |                                                                      |                                                          |            |               |                |
|----|----------------------------------------------------------------------|----------------------------------------------------------|------------|---------------|----------------|
| f. | Total Dissolved Solids,(mg/l)                                        | IS:3025(Part 16):1984(RA.2006)                           | 500 Max.   | 2000 Max.     | 402            |
| 2. | <b>Parameters Concerning Undesirable Substances in excess amount</b> |                                                          |            |               |                |
| a. | Aluminium as Al, (mg/l)                                              | IS:3025(Part 55):RA2014                                  | 0.03 Max.  | 0.2 Max.      | BLQ(LOQ:0.02)  |
| b. | Ammonia (as total ammonia-N) (mg/l)                                  | IS:3025(Part 34):1988(RA:2014)                           | 0.5 Max.   | No Relaxation | BLQ(LOQ:0.1)   |
| c. | Anionic detergent(as MBAS),(mg/l)                                    | IS:13428:2005(RA:2009)-Annex K                           | 0.2 Max.   | 1.0 Max.      | BLQ(LOQ:0.05)  |
| d. | Barium (as Ba) (mg/l)                                                | IS:13428:2005(RA:2014)Annex. F/IS:3025(P-65)             | 0.7 Max.   | No relaxation | BLQ(LOQ:0.3)   |
| e. | Boron (as B) (mg/l)                                                  | Apha 23rd Edn.2017-3120 B/IS:3025(Part 57):2004(RA:2017) | 0.5 Max.   | 2.4 Max.      | BLQ(LOQ:0.5)   |
| f. | Calcium(as Ca), (mg/l)                                               | IS:3025(Part 40):1991(RA:2014) amd no 1                  | 75 Max.    | 200 Max.      | 61.9           |
| g. | Chloramines (as Cl <sub>2</sub> ), (mg/l)                            | IS:3025(Part 26):1986 amd no 1(RA 2014)                  | 4.0 Max.   | No relaxation | BLQ(LOQ:0.03)  |
| h. | Chloride(as Cl) (mg/l)                                               | IS:3025(Part 32):1988(RA:2014)                           | 250 Max.   | 1000 Max.     | 46.1           |
| i. | Copper (as Cu) (mg/l)                                                | IS:3025(P-65)                                            | 0.05 Max.  | 1.5 Max.      | BLQ(LOQ:0.002) |
| j. | Fluoride as F (mg/l)                                                 | IS:3025(Part 60):2008 amd. no 1(RA:2013)                 | 1.0 Max.   | 1.5 Max.      | 0.4            |
| k. | Phenolic compounds (as C <sub>6</sub> H <sub>5</sub> OH), (mg/l)     | IS:3025(P-43)                                            | 0.001 Max. | 0.002 Max.    | BLQ(LOQ:0.001) |
| l. | Free Residual Chlorine, (mg/l)                                       | IS:3025(P-26)                                            | 0.2 Min.   | 1.0 Max.      | Not Applicable |
| m. | Iron (as Fe) (mg/l)                                                  | IS:3025(Part 53):2003(RA:2014)                           | 1.0 Max.   | No relaxation | BLQ(LOQ:0.01)  |

  
 26-03-2022  
 Gaurav Khandelwal  
 [Authorized Signatory]

  
 Vikrant  
 28-03-2022  
 Reviewer

  
 28-03-2022  
 PremKumar  
 [Authorized Signatory]

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 Panchkula-134109 (Haryana)  
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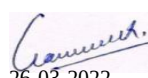
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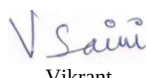
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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2203150819<br><b>Sample Reg. Date</b> :15-03-2022<br><b>Report Date</b> :28-03-2022<br><b>Report No.</b> :ICE-2203281749<br><b>NABL ULR No.</b> :TC592622000005115F<br><b>Customer Ref. No.:</b> Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                  |                                               |                                                          |            |               |                |
|--------------------------------------------------|-----------------------------------------------|----------------------------------------------------------|------------|---------------|----------------|
| n.                                               | Magnesium as Mg (mg/l)                        | IS:3025(Part 46):1994 amd. no. 2(RA:2014)                | 30 Max.    | 100 Max.      | 31.4           |
| o.                                               | Manganese as Mn, (mg/l)                       | Apha 23rd Edn.2017-3125 B/IS:3025(Part 59):2004(RA:2017) | 0.1 Max.   | 0.3 Max.      | BLQ(LOQ:0.1)   |
| p.                                               | Mineral Oil, (mg/l)                           | Clause 6 of IS:3025(Part39)                              | 1.0 Max.   | No Relaxation | BLQ(LOQ:0.01)  |
| q.                                               | Nitrate as NO <sub>3</sub> (mg/l)             | IS:3025(Part 34):1988(RA:2014)                           | 45 Max.    | No Relaxation | BLQ(LOQ:1.0)   |
| r.                                               | Selenium (as Se) (mg/l)                       | IS:3025(P-65)                                            | 0.01 Max.  | No Relaxation | BLQ(LOQ:0.002) |
| s.                                               | Silver (as Ag) (mg/l)                         | IS:3025(P-65)                                            | 0.1 Max.   | No Relaxation | BLQ(LOQ:0.002) |
| t.                                               | Sulphate(as SO <sub>4</sub> ) (mg/l)          | APHA-23rd Edition                                        | 200 Max.   | 400 Max.      | 16.3           |
| u.                                               | Sulphide as H <sub>2</sub> S, (mg/l)          | IS:3025(Part 29)                                         | 0.05 Max.  | No Relaxation | BLQ(LOQ:0.05)  |
| v.                                               | Total Alkalinity(as CaCO <sub>3</sub> )(mg/l) | IS:3025(Part 23)                                         | 200 Max.   | 600 Max.      | 270            |
| w.                                               | Total Hardness(as CaCO <sub>3</sub> ), (mg/l) | IS 3025 (Part 21)                                        | 200 Max.   | 600 Max.      | 284.2          |
| x.                                               | Zinc(as Zn)(mg/l)                             | IS:3025(P-65)                                            | 5 Max.     | 15 Max.       | 0.67           |
| <b>3. Parameters Concerning Toxic Substances</b> |                                               |                                                          |            |               |                |
| a.                                               | Cadmium(as Cd)(mg/l)                          | IS:3025(P-65)                                            | 0.003 Max. | No Relaxation | BLQ(LOQ:0.002) |
| b.                                               | Cyanide(asCN)(mg/l)                           | IS:3025(Part 27)                                         | 0.05 Max.  | No Relaxation | BLQ(LOQ:0.01)  |
| c.                                               | Lead(as Pb)(mg/l)                             | IS:3025(P-65)                                            | 0.01 Max.  | No Relaxation | BLQ(LOQ:0.002) |
| d.                                               | Mercury(as Hg)(mg/l)                          | IS:3025(P-65)                                            | 0.001 Max. | No Relaxation | BLQ(LOQ:0.001) |
| e.                                               | Molybdenum(as Mo)(mg/l)                       | IS:3025(P-65)                                            | 0.07 Max.  | No Relaxation | BLQ(LOQ:0.002) |
| f.                                               | Nickel(as Ni) (mg/l)                          | IS:3025(P-65)                                            | 0.02 Max.  | No Relaxation | BLQ(LOQ:0.002) |
| g.                                               | Total Arsenic(as As)(mg/l)                    | IS:3025(P-65)                                            | 0.01 Max.  | No relaxation | BLQ(LOQ:0.002) |
| h.                                               | Total Chromium(as Cr)(mg/l)                   | IS:3025(P-65)                                            | 0.05 Max.  | No Relaxation | BLQ(LOQ:0.002) |
| <b>Discipline : Biological</b>                   |                                               |                                                          |            |               |                |

  
 26-03-2022  
 Gaurav Khandelwal  
 [Authorized Signatory]

  
 Vikrant  
 28-03-2022  
 Reviewer

  
 28-03-2022  
 PremKumar  
 [Authorized Signatory]

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2203150819<br><b>Sample Reg. Date</b> :15-03-2022<br><b>Report Date</b> :28-03-2022<br><b>Report No.</b> :ICE-2203281749<br><b>NABL ULR No.</b> :TC592622000005115F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
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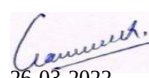
|    |                              |                                      |                                              |   |        |
|----|------------------------------|--------------------------------------|----------------------------------------------|---|--------|
|    | <b>Group : Water</b>         |                                      |                                              |   |        |
| 1. | <b>Microbiological Tests</b> |                                      |                                              |   |        |
| a. | E.Coli/100 ml                | IS:15185(Membrane Filtration Method) | Shall not be detectable in any 100 ml sample | - | Absent |
| b. | Total Coliform Count/100 ml  | IS:15185(Membrane Filtration Method) | Shall not be detectable in any 100 ml sample | - | Absent |

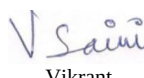
'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification. Sampling Procedure: SOP/ITC/EW/030.

**REMARKS :** The above referred sample of Bore Well Water conforms to BIS Specification IS:10500-2012 with upto date amdt with respect to the above tests.

\*\*\*\*\*End Of Report\*\*\*\*\*

  
26-03-2022  
Gaurav Khandelwal  
[Authorized Signatory]

  
Vikrant  
28-03-2022  
Reviewer

  
28-03-2022  
PremKumar  
[Authorized Signatory]

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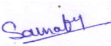
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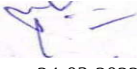
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2203150790<br><b>Sample Reg. Date</b> :15-03-2022<br><b>Report Date</b> :24-03-2022<br><b>Report No.</b> :ICE-2203241635<br><b>NABL ULR No.</b> :TC592622000005010F<br><b>Customer Ref. No.:</b> Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                 |                               |
|---------------------------------|-------------------------------|
| <b>Test Report as per IS:NA</b> | <b>With Amendment No.(s):</b> |
|---------------------------------|-------------------------------|

### PART A : PARTICULARS OF SAMPLE SUBMITTED

|    |                                            |                                                                                      |
|----|--------------------------------------------|--------------------------------------------------------------------------------------|
| a) | Nature of Sample #                         | ETP Inlet Water                                                                      |
| b) | Sample Condition                           | Good                                                                                 |
| c) | Grade / Variety / Type / Class / Size etc. | NA                                                                                   |
| d) | Brand Name                                 | NA                                                                                   |
| e) | Declared Values,if any                     | NA                                                                                   |
| f) | Code No.                                   |  |
| g) | Batch Number #                             | NA                                                                                   |
| h) | D.O.M #                                    | NA                                                                                   |
| i) | Date of Expiry #                           | NA                                                                                   |
| j) | Sample Quantity #                          | 2 Ltr                                                                                |
| k) | Batch Size/Location #                      | NA                                                                                   |
| l) | Mode of Packing                            | Packed in bottles                                                                    |
| m) | Date of Receipt                            | 15-03-2022                                                                           |
| n) | Date of Start                              | 15-03-2022                                                                           |
| o) | Date of Completion                         | 24-03-2022                                                                           |
| p) | Seal (Intact/Not Intact/Unsealed)          | NA                                                                                   |
| q) | IO'S Signature (Signed/Unsigned)           | Unsigned                                                                             |
| r) | Any Other Information                      | Sample collected by lab rep. on 11.03.2022                                           |

  
Saurabh Sharma  
24-03-2022  
Reviewer

  
24-03-2022  
PremKumar  
[Authorized Signatory]

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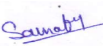
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|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
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|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|    |                              |                                           |
|----|------------------------------|-------------------------------------------|
| s) | Test Request Submitted By    | Jhajjar Power Limited-Jhajjar ( Haryana ) |
| t) | Manufactured By <sup>#</sup> | NA                                        |
| u) | Supplied By <sup>#</sup>     | NA                                        |

### PART B : SUPPLEMENTARY INFORMATIONS

|    |                                                                                                                                                              |       |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| a. | Reference to sampling procedure, whenever applicable                                                                                                         | : N/A |
| b. | Supporting documents for the measurement taken and results derived like graphs, tables, sketches and / or photographs as appropriate to test reports, if any | : N/A |
| c. | Deviation from the test methods as prescribed in relevant ISS/WORK Instruments, if any                                                                       | : N/A |

| Description                                |                               |                                      |               |         |
|--------------------------------------------|-------------------------------|--------------------------------------|---------------|---------|
| Description                                |                               | ETP Inlet Water                      |               |         |
| S.No.                                      | Parameters                    | Method                               | Specification | Result  |
| <b>Discipline : Chemical</b>               |                               |                                      |               |         |
| <b>Group : Pollution &amp; Environment</b> |                               |                                      |               |         |
| <b>1. General Parameters</b>               |                               |                                      |               |         |
| a.                                         | Colour                        | IS:3025(Part4):1983(RA:2017)amd. no1 |               | Greyish |
| b.                                         | Odour                         | IS:3025(Part 5):1983(RA:2017)        |               | Musty   |
| c.                                         | pH Value                      | IS:3025 (Part - 11):1983(RA:2017)    |               | 7.53    |
| d.                                         | Total Suspended Solids,(mg/l) | IS:3025(Part 17)                     |               | 69      |
| e.                                         | Total Dissolved Solids (mg/l) | IS:3025(Part 16):1984(RA.2006)       | -             | 720     |

  
Saurabh Sharma  
24-03-2022  
Reviewer

  
24-03-2022  
PremKumar  
[Authorized Signatory]

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## Test Report

Document QF : 2501

Page 3 of 3

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2203150790<br><b>Sample Reg. Date</b> :15-03-2022<br><b>Report Date</b> :24-03-2022<br><b>Report No.</b> :ICE-2203241635<br><b>NABL ULR No.</b> :TC592622000005010F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

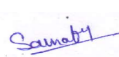
|    |                                                   |                                        |                |
|----|---------------------------------------------------|----------------------------------------|----------------|
| f. | Chemical Oxygen Demand(mg/l)                      | APHA-23rd Edition                      | 108            |
| g. | Bio-chemical Oxygen Demand, mg/l (3 days at 27°C) | IS:3025(P-44)                          | 39             |
| h. | Oil & Grease(mg/l)                                | IS:3025(P-39)                          | <4.0           |
| i. | Zinc(As Zn)(mg/l)                                 | IS: 3025 (P-2)                         | BLQ(LOQ:0.05)  |
| j. | Arsenic(as As)(mg/l)                              | IS: 3025 (P-2)                         | BLQ(LOQ:0.05)  |
| k. | Total Chromium as Cr (mg/l)                       | IS: 3025 (P-2)                         | BLQ(LOQ:0.05)  |
| l. | Cyanide as CN, (mg/l)                             | IS:3025(P-27)                          | Absent         |
| m. | Iron(as Fe)(mg/l)                                 | IS: 3025 (P-2)                         | BLQ(LOQ:0.05)  |
| n. | Temperature(°C)                                   | IS: 3025 (P-9)                         | 24             |
| o. | Free Residual Chlorine (mg/l)                     | IS:3025(Part 26):1986(RA:2014)amd no 1 | BLQ(LOQ : 1.0) |
| p. | Phosphate as P (mg/l)                             | APHA-23rd Edition                      | BLQ(LOQ : 0.1) |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Sampling Procedure: SOP/ITC/EW/030, Purpose - For self Monitoring

**REMARKS :**N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
24-03-2022  
Reviewer

  
24-03-2022  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
Panchkula-134109 (Haryana)  
Phone : (O) 0172-2561543, 2565825  
Email : customersupport@itclabs.com  
Visit us :www.itclabs.com

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## Test Report

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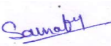
Page 1 of 3

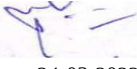
|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2203150792<br><b>Sample Reg. Date</b> :15-03-2022<br><b>Report Date</b> :24-03-2022<br><b>Report No.</b> :ICE-2203241573<br><b>NABL ULR No.</b> :TC592622000004941F<br><b>Customer Ref. No.:</b> Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                      |                               |
|------------------------------------------------------|-------------------------------|
| <b>Test Report as per IS:</b> EPA Act 1986/PCLS/2010 | <b>With Amendment No.(s):</b> |
|------------------------------------------------------|-------------------------------|

### PART A : PARTICULARS OF SAMPLE SUBMITTED

|    |                                            |                                                                                      |
|----|--------------------------------------------|--------------------------------------------------------------------------------------|
| a) | Nature of Sample #                         | ETP Outlet Water                                                                     |
| b) | Sample Condition                           | Good                                                                                 |
| c) | Grade / Variety / Type / Class / Size etc. | NA                                                                                   |
| d) | Brand Name                                 | NA                                                                                   |
| e) | Declared Values,if any                     | NA                                                                                   |
| f) | Code No.                                   |  |
| g) | Batch Number #                             | NA                                                                                   |
| h) | D.O.M #                                    | NA                                                                                   |
| i) | Date of Expiry #                           | NA                                                                                   |
| j) | Sample Quantity #                          | 7 Ltr                                                                                |
| k) | Batch Size/Location #                      | NA                                                                                   |
| l) | Mode of Packing                            | Packed in bottles & in cans                                                          |
| m) | Date of Receipt                            | 15-03-2022                                                                           |
| n) | Date of Start                              | 15-03-2022                                                                           |
| o) | Date of Completion                         | 24-03-2022                                                                           |
| p) | Seal (Intact/Not Intact/Unsealed)          | NA                                                                                   |
| q) | IO'S Signature (Signed/Unsigned)           | Unsigned                                                                             |
| r) | Any Other Information                      | Sample collected by lab rep. on 11.03.2022                                           |

  
Saurabh Sharma  
24-03-2022  
Reviewer

  
24-03-2022  
PremKumar  
[Authorized Signatory]

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## Test Report

Document QF : 2501

Page 2 of 3

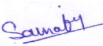
|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2203150792<br><b>Sample Reg. Date</b> :15-03-2022<br><b>Report Date</b> :24-03-2022<br><b>Report No.</b> :ICE-2203241573<br><b>NABL ULR No.</b> :TC592622000004941F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|    |                              |                                           |
|----|------------------------------|-------------------------------------------|
| s) | Test Request Submitted By    | Jhajjar Power Limited-Jhajjar ( Haryana ) |
| t) | Manufactured By <sup>#</sup> | NA                                        |
| u) | Supplied By <sup>#</sup>     | NA                                        |

### PART B : SUPPLEMENTARY INFORMATIONS

|    |                                                                                                                                                              |       |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| a. | Reference to sampling procedure, whenever applicable                                                                                                         | : N/A |
| b. | Supporting documents for the measurement taken and results derived like graphs, tables, sketches and / or photographs as appropriate to test reports, if any | : N/A |
| c. | Deviation from the test methods as prescribed in relevant ISS/WORK Instruments, if any                                                                       | : N/A |

| Description                                |                               |                                      |               |            |
|--------------------------------------------|-------------------------------|--------------------------------------|---------------|------------|
| Description                                |                               | ETP Outlet Water                     |               |            |
| S.No.                                      | Parameters                    | Method                               | Specification | Result     |
| <b>Discipline : Chemical</b>               |                               |                                      |               |            |
| <b>Group : Pollution &amp; Environment</b> |                               |                                      |               |            |
| <b>1. General Parameters</b>               |                               |                                      |               |            |
| a.                                         | Colour                        | IS:3025(Part4):1983(RA:2017)amd. no1 | Not Specified | Colourless |
| b.                                         | Odour                         | IS:3025(Part 5):1983(RA:2017)        | Not Specified | None       |
| c.                                         | pH Value                      | IS:3025 (Part - 11):1983(RA:2017)    | 5.5-9         | 7.44       |
| d.                                         | Total Suspended Solids,(mg/l) | IS:3025(Part 17)                     | Max. 100      | 5          |
| e.                                         | Total Dissolved Solids (mg/l) | IS:3025(Part 16):1984(RA.2006)       | Max. 2100--   | 698        |

  
Saurabh Sharma  
24-03-2022  
Reviewer

  
24-03-2022  
PremKumar  
[Authorized Signatory]

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## Test Report

Document QF : 2501

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2203150792<br><b>Sample Reg. Date</b> :15-03-2022<br><b>Report Date</b> :24-03-2022<br><b>Report No.</b> :ICE-2203241573<br><b>NABL ULR No.</b> :TC592622000004941F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

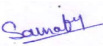
|    |                                                   |                   |                                                                             |                                                                      |
|----|---------------------------------------------------|-------------------|-----------------------------------------------------------------------------|----------------------------------------------------------------------|
| f. | Chemical Oxygen Demand(mg/l)                      | APHA-23rd Edition | Max. 250                                                                    | 35                                                                   |
| g. | Bio-chemical Oxygen Demand, mg/l (3 days at 27°C) | IS:3025(P-44)     | Max. 30                                                                     | 10                                                                   |
| h. | Oil & Grease(mg/l)                                | IS:3025(P-39)     | Max. 10                                                                     | <4.0                                                                 |
| i. | Zinc(As Zn)(mg/l)                                 | IS: 3025 (P-2)    | Max. 5.0                                                                    | BLQ(LOQ:0.05)                                                        |
| j. | Arsenic(as As)(mg/l)                              | IS: 3025 (P-2)    | Max. 0.2                                                                    | BLQ(LOQ:0.05)                                                        |
| k. | Total Chromium as Cr (mg/l)                       | IS: 3025 (P-2)    | Max. 2.0                                                                    | BLQ(LOQ:0.05)                                                        |
| l. | Cyanide as CN, (mg/l)                             | IS:3025(P-27)     | Max. 0.2                                                                    | Absent                                                               |
| m. | Iron(as Fe)(mg/l)                                 | IS: 3025 (P-2)    | Max. 3.0                                                                    | BLQ(LOQ:0.05)                                                        |
| n. | Bio Assay Test                                    | IS:6582-1971      | Minimum 90 % survival of fish was observed after 96 hours in 100 % effluent | 100 % survival of fish was observed after 96 hours in 100 % effluent |
| o. | Temperature(°C)                                   | IS: 3025 (P-9)    |                                                                             | 24                                                                   |
| p. | Free Residual Chlorine (mg/l)                     | IS:3025(P-26)     | Max. 1.0                                                                    | BLQ(LOQ: 1.0)                                                        |
| q. | Phosphate as P (mg/l)                             | APHA-23rd Edition | Not Specified                                                               | BLQ(LOQ: 0.1)                                                        |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per EPA Act 1986/PCLS/2010. Sampling Procedure: SOP/ITC/EW/030

**REMARKS :**N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
 Saurabh Sharma  
 24-03-2022  
 Reviewer

  
 24-03-2022  
 PremKumar  
 [Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
 86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
 Panchkula-134109 (Haryana)  
 Phone : (O) 0172-2561543, 2565825  
 Email : customersupport@itclabs.com  
 Visit us :www.itclabs.com

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## Test Report

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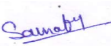
Page 1 of 3

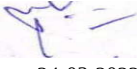
|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2203150794<br><b>Sample Reg. Date</b> :15-03-2022<br><b>Report Date</b> :24-03-2022<br><b>Report No.</b> :ICE-2203241613<br><b>NABL ULR No.</b> :TC592622000004998F<br><b>Customer Ref. No.:</b> Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                 |                               |
|---------------------------------|-------------------------------|
| <b>Test Report as per IS:NA</b> | <b>With Amendment No.(s):</b> |
|---------------------------------|-------------------------------|

### PART A : PARTICULARS OF SAMPLE SUBMITTED

|    |                                            |                                                                                      |
|----|--------------------------------------------|--------------------------------------------------------------------------------------|
| a) | Nature of Sample #                         | STP Inlet Water (Township)                                                           |
| b) | Sample Condition                           | Good                                                                                 |
| c) | Grade / Variety / Type / Class / Size etc. | NA                                                                                   |
| d) | Brand Name                                 | NA                                                                                   |
| e) | Declared Values,if any                     | NA                                                                                   |
| f) | Code No.                                   |  |
| g) | Batch Number #                             | NA                                                                                   |
| h) | D.O.M #                                    | NA                                                                                   |
| i) | Date of Expiry #                           | NA                                                                                   |
| j) | Sample Quantity #                          | 2 Ltr                                                                                |
| k) | Batch Size/Location #                      | NA                                                                                   |
| l) | Mode of Packing                            | Packed in bottles                                                                    |
| m) | Date of Receipt                            | 15-03-2022                                                                           |
| n) | Date of Start                              | 15-03-2022                                                                           |
| o) | Date of Completion                         | 24-03-2022                                                                           |
| p) | Seal (Intact/Not Intact/Unsealed)          | NA                                                                                   |
| q) | IO'S Signature (Signed/Unsigned)           | Unsigned                                                                             |
| r) | Any Other Information                      | Sample collected by lab rep. on 11.03.2022                                           |

  
Saurabh Sharma  
24-03-2022  
Reviewer

  
24-03-2022  
PremKumar  
[Authorized Signatory]

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## Test Report

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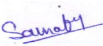
|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2203150794<br><b>Sample Reg. Date</b> :15-03-2022<br><b>Report Date</b> :24-03-2022<br><b>Report No.</b> :ICE-2203241613<br><b>NABL ULR No.</b> :TC592622000004998F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|    |                              |                                           |
|----|------------------------------|-------------------------------------------|
| s) | Test Request Submitted By    | Jhajjar Power Limited-Jhajjar ( Haryana ) |
| t) | Manufactured By <sup>#</sup> | NA                                        |
| u) | Supplied By <sup>#</sup>     | NA                                        |

### PART B : SUPPLEMENTARY INFORMATIONS

|    |                                                                                                                                                              |       |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| a. | Reference to sampling procedure, whenever applicable                                                                                                         | : N/A |
| b. | Supporting documents for the measurement taken and results derived like graphs, tables, sketches and / or photographs as appropriate to test reports, if any | : N/A |
| c. | Deviation from the test methods as prescribed in relevant ISS/WORK Instruments, if any                                                                       | : N/A |

| Description                                |                               |                                      |               |           |
|--------------------------------------------|-------------------------------|--------------------------------------|---------------|-----------|
| Description                                |                               | STP Inlet Water (Township)           |               |           |
| S.No.                                      | Parameters                    | Method                               | Specification | Result    |
| <b>Discipline : Chemical</b>               |                               |                                      |               |           |
| <b>Group : Pollution &amp; Environment</b> |                               |                                      |               |           |
| <b>1. General Parameters</b>               |                               |                                      |               |           |
| a.                                         | Colour                        | IS:3025(Part4):1983(RA:2017)amd. no1 |               | Yellowish |
| b.                                         | Odour                         | IS:3025(Part 5):1983(RA:2017)        |               | Musty     |
| c.                                         | pH Value                      | IS:3025 (Part - 11):1983(RA:2017)    |               | 7.07      |
| d.                                         | Total Suspended Solids,(mg/l) | IS:3025(Part 17)                     |               | 107       |
| e.                                         | Total Dissolved Solids (mg/l) | IS:3025(Part 16):1984(RA.2006)       | -             | 1203      |

  
Saurabh Sharma  
24-03-2022  
Reviewer

  
24-03-2022  
PremKumar  
[Authorized Signatory]

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## Test Report

Document QF : 2501

Page 3 of 3

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2203150794<br><b>Sample Reg. Date</b> :15-03-2022<br><b>Report Date</b> :24-03-2022<br><b>Report No.</b> :ICE-2203241613<br><b>NABL ULR No.</b> :TC592622000004998F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

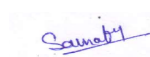
|    |                                                   |                                        |  |                |
|----|---------------------------------------------------|----------------------------------------|--|----------------|
| f. | Chemical Oxygen Demand(mg/l)                      | APHA-23rd Edition                      |  | 338            |
| g. | Bio-chemical Oxygen Demand, mg/l (3 days at 27°C) | IS:3025(P-44)                          |  | 122            |
| h. | Oil & Grease(mg/l)                                | IS:3025(P-39)                          |  | 12.6           |
| i. | Free Residual Chlorine (mg/l)                     | IS:3025(Part 26):1986(RA:2014)amd no 1 |  | BLQ(LOQ : 1.0) |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Sampling Procedure: SOP/ITC/EW/030

**REMARKS :**N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
 Saurabh Sharma  
 24-03-2022  
 Reviewer

  
 24-03-2022  
 PremKumar  
 [Authorized Signatory]

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## Test Report

Document QF : 2501

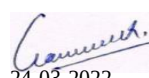
Page 1 of 3

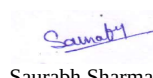
|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2203150795<br><b>Sample Reg. Date</b> :15-03-2022<br><b>Report Date</b> :24-03-2022<br><b>Report No.</b> :ICE-2203241614<br><b>NABL ULR No.</b> :TC592622000004999F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                 |                               |
|---------------------------------|-------------------------------|
| <b>Test Report as per IS:NA</b> | <b>With Amendment No.(s):</b> |
|---------------------------------|-------------------------------|

### PART A : PARTICULARS OF SAMPLE SUBMITTED

|    |                                            |                                                                                      |
|----|--------------------------------------------|--------------------------------------------------------------------------------------|
| a) | Nature of Sample #                         | STP Inlet Water (Township).                                                          |
| b) | Sample Condition                           | Good                                                                                 |
| c) | Grade / Variety / Type / Class / Size etc. | NA                                                                                   |
| d) | Brand Name                                 | NA                                                                                   |
| e) | Declared Values,if any                     | NA                                                                                   |
| f) | Code No.                                   |  |
| g) | Batch Number #                             | NA                                                                                   |
| h) | D.O.M #                                    | NA                                                                                   |
| i) | Date of Expiry #                           | NA                                                                                   |
| j) | Sample Quantity #                          | 1 Ltr                                                                                |
| k) | Batch Size/Location #                      | NA                                                                                   |
| l) | Mode of Packing                            | Packed in bottles                                                                    |
| m) | Date of Receipt                            | 15-03-2022                                                                           |
| n) | Date of Start                              | 15-03-2022                                                                           |
| o) | Date of Completion                         | 24-03-2022                                                                           |
| p) | Seal (Intact/Not Intact/Unsealed)          | NA                                                                                   |
| q) | IO'S Signature (Signed/Unsigned)           | Unsigned                                                                             |
| r) | Any Other Information                      | Sample collected by lab rep. on 11.03.2022                                           |

  
24-03-2022  
Gaurav Khandelwal  
[Authorized Signatory]

  
Saurabh Sharma  
24-03-2022  
Reviewer

  
24-03-2022  
PremKumar  
[Authorized Signatory]

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2203150795<br><b>Sample Reg. Date</b> :15-03-2022<br><b>Report Date</b> :24-03-2022<br><b>Report No.</b> :ICE-2203241614<br><b>NABL ULR No.</b> :TC592622000004999F<br><b>Customer Ref. No.:</b> Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                 |                                           |
|---------------------------------|-------------------------------------------|
| s) Test Request Submitted By    | Jhajjar Power Limited-Jhajjar ( Haryana ) |
| t) Manufactured By <sup>#</sup> | NA                                        |
| u) Supplied By <sup>#</sup>     | NA                                        |

### PART B : SUPPLIMENTARY INFORMATIONS

|                                                                                                                                                                 |       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| a. Reference to sampling procedure, whenever applicable                                                                                                         | : N/A |
| b. Supporting documents for the measurement taken and results derived like graphs, tables, sketches and / or photographs as appropriate to test reports, if any | : N/A |
| c. Deviation from the test methods as prescribed in relevant ISS/WORK Instruments, if any                                                                       | : N/A |

| Description                                |                                     |                   |               |              |
|--------------------------------------------|-------------------------------------|-------------------|---------------|--------------|
| Description                                | STP Inlet Water (Township).         |                   |               |              |
| S.No.                                      | Parameters                          | Method            | Specification | Result       |
| <b>Discipline : Chemical</b>               |                                     |                   |               |              |
| <b>Group : Pollution &amp; Environment</b> |                                     |                   |               |              |
| <b>1. General Parameters</b>               |                                     |                   |               |              |
| a.                                         | Nitrate as NO <sub>3</sub> (mg/l)   | IS:3025(P-34)     |               | BLQ(LOQ:1.0) |
| b.                                         | Calcium(as Ca)(mg/l)                | IS:3025(P-40)     | -             | 55           |
| c.                                         | Magnesium as Mg(mg/l)               | IS:3025(Part-46)  | -             | 10           |
| d.                                         | Sodium(as Na)(mg/l)                 | IS:3025(P-45)     | -             | 60.1         |
| e.                                         | Potassium as K,(mg/l)               | IS:3025(P-45)     |               | 10.1         |
| f.                                         | Phosphate as PO <sub>4</sub> (mg/l) | APHA-23rd Edition |               | BLQ(LOQ:0.1) |
| <b>Discipline : Biological</b>             |                                     |                   |               |              |
| <b>Group : Pollution &amp; Environment</b> |                                     |                   |               |              |

*Gaurav Khandelwal*  
24-03-2022

Gaurav Khandelwal  
[Authorized Signatory]

*Saurabh Sharma*  
24-03-2022

Saurabh Sharma  
24-03-2022  
Reviewer

*Prem Kumar*  
24-03-2022

PremKumar  
[Authorized Signatory]

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**Interstellar Testing Centre Pvt. Ltd.**

86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)

Panchkula-134109 (Haryana)

Phone : (O) 0172-2561543, 2565825

Email : customersupport@itclabs.com

Visit us :www.itclabs.com

## Test Report

Document QF : 2501

Page 3 of 3

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2203150795<br><b>Sample Reg. Date</b> :15-03-2022<br><b>Report Date</b> :24-03-2022<br><b>Report No.</b> :ICE-2203241614<br><b>NABL ULR No.</b> :TC592622000004999F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

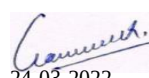
| 1. | Microbiological Tests         |                          |  |                       |
|----|-------------------------------|--------------------------|--|-----------------------|
| a. | Faecal Coliforms, (MPN/100ml) | APHA-23 rd Edn 17-9221 F |  | 3.2 x 10 <sup>4</sup> |
| b. | E.coli, (MPN/100ml)           | APHA-23 rd Edn 17-9221 F |  | 2.2 x 10 <sup>4</sup> |
| c. | Total Coliform (MPN/100ml)    | APHA-23 rd Edn 17-9221 F |  | 1.2 x 10 <sup>5</sup> |

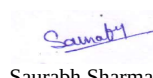
'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification. Sampling Procedure: SOP/ITC/EW/030.

**REMARKS :** N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
 24-03-2022  
 Gaurav Khandelwal  
 [Authorized Signatory]

  
 Saurabh Sharma  
 24-03-2022  
 Reviewer

  
 24-03-2022  
 PremKumar  
 [Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
 86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
 Panchkula-134109 (Haryana)  
 Phone : (O) 0172-2561543, 2565825  
 Email : customersupport@itclabs.com  
 Visit us : www.itclabs.com

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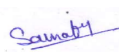
Page 1 of 3

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2203150796<br><b>Sample Reg. Date</b> :15-03-2022<br><b>Report Date</b> :24-03-2022<br><b>Report No.</b> :ICE-2203241574<br><b>NABL ULR No.</b> :TC592622000004942F<br><b>Customer Ref. No.:</b> Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                      |                               |
|------------------------------------------------------|-------------------------------|
| <b>Test Report as per IS:</b> EPA Act 1986/PCLS/2010 | <b>With Amendment No.(s):</b> |
|------------------------------------------------------|-------------------------------|

### PART A : PARTICULARS OF SAMPLE SUBMITTED

|    |                                            |                                                                                      |
|----|--------------------------------------------|--------------------------------------------------------------------------------------|
| a) | Nature of Sample #                         | STP Outlet Water (Township)                                                          |
| b) | Sample Condition                           | Good                                                                                 |
| c) | Grade / Variety / Type / Class / Size etc. | NA                                                                                   |
| d) | Brand Name                                 | NA                                                                                   |
| e) | Declared Values,if any                     | NA                                                                                   |
| f) | Code No.                                   |  |
| g) | Batch Number #                             | NA                                                                                   |
| h) | D.O.M #                                    | NA                                                                                   |
| i) | Date of Expiry #                           | NA                                                                                   |
| j) | Sample Quantity #                          | 2 Ltr                                                                                |
| k) | Batch Size/Location #                      | NA                                                                                   |
| l) | Mode of Packing                            | Packed in bottles                                                                    |
| m) | Date of Receipt                            | 15-03-2022                                                                           |
| n) | Date of Start                              | 15-03-2022                                                                           |
| o) | Date of Completion                         | 24-03-2022                                                                           |
| p) | Seal (Intact/Not Intact/Unsealed)          | NA                                                                                   |
| q) | IO'S Signature (Signed/Unsigned)           | Unsigned                                                                             |
| r) | Any Other Information                      | Sample collected by lab rep. on 11.03.2022                                           |

  
Saurabh Sharma  
24-03-2022  
Reviewer

  
24-03-2022  
PremKumar  
[Authorized Signatory]

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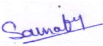
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2203150796<br><b>Sample Reg. Date</b> :15-03-2022<br><b>Report Date</b> :24-03-2022<br><b>Report No.</b> :ICE-2203241574<br><b>NABL ULR No.</b> :TC592622000004942F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|    |                              |                                           |
|----|------------------------------|-------------------------------------------|
| s) | Test Request Submitted By    | Jhajjar Power Limited-Jhajjar ( Haryana ) |
| t) | Manufactured By <sup>#</sup> | NA                                        |
| u) | Supplied By <sup>#</sup>     | NA                                        |

### PART B : SUPPLEMENTARY INFORMATIONS

|    |                                                                                                                                                              |       |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| a. | Reference to sampling procedure, whenever applicable                                                                                                         | : N/A |
| b. | Supporting documents for the measurement taken and results derived like graphs, tables, sketches and / or photographs as appropriate to test reports, if any | : N/A |
| c. | Deviation from the test methods as prescribed in relevant ISS/WORK Instruments, if any                                                                       | : N/A |

| Description                                |                               |                                      |               |            |
|--------------------------------------------|-------------------------------|--------------------------------------|---------------|------------|
| Description                                |                               | STP Outlet Water (Township)          |               |            |
| S.No.                                      | Parameters                    | Method                               | Specification | Result     |
| <b>Discipline : Chemical</b>               |                               |                                      |               |            |
| <b>Group : Pollution &amp; Environment</b> |                               |                                      |               |            |
| <b>1. General Parameters</b>               |                               |                                      |               |            |
| a.                                         | Colour                        | IS:3025(Part4):1983(RA:2017)amd. no1 | Not Specified | Colourless |
| b.                                         | Odour                         | IS:3025(Part 5):1983(RA:2017)        | Not Specified | None       |
| c.                                         | pH Value                      | IS:3025 (Part - 11):1983(RA:2017)    | 6.5-9         | 7.05       |
| d.                                         | Total Suspended Solids,(mg/l) | IS:3025(Part 17)                     | Max. 100      | 36         |
| e.                                         | Total Dissolved Solids (mg/l) | IS:3025(Part 16):1984(RA.2006)       | Not Specified | 1017       |

  
Saurabh Sharma  
24-03-2022  
Reviewer

  
24-03-2022  
PremKumar  
[Authorized Signatory]

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2203150796<br><b>Sample Reg. Date</b> :15-03-2022<br><b>Report Date</b> :24-03-2022<br><b>Report No.</b> :ICE-2203241574<br><b>NABL ULR No.</b> :TC592622000004942F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
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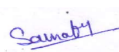
|    |                                                   |                   |               |              |
|----|---------------------------------------------------|-------------------|---------------|--------------|
| f. | Chemical Oxygen Demand(mg/l)                      | APHA-23rd Edition | Not Specified | 102          |
| g. | Bio-chemical Oxygen Demand, mg/l (3 days at 27°C) | IS:3025(P-44)     | Max. 30       | 20           |
| h. | Oil & Grease(mg/l)                                | IS:3025(P-39)     | Max. 10       | <4.0         |
| i. | Free Residual Chlorine (mg/l)                     | IS:3025(P-26)     | Max. 1.0      | BLQ(LOQ:1.0) |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per EPA Act 1986/PCLS/2010. Sampling Procedure: SOP/ITC/EW/030

**REMARKS :**N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
24-03-2022  
Reviewer

  
24-03-2022  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
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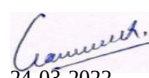
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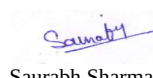
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2203150797<br><b>Sample Reg. Date</b> :15-03-2022<br><b>Report Date</b> :24-03-2022<br><b>Report No.</b> :ICE-2203241615<br><b>NABL ULR No.</b> :TC592622000004995F<br><b>Customer Ref. No.:</b> Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                      |                               |
|------------------------------------------------------|-------------------------------|
| <b>Test Report as per IS:</b> EPA Act 1986/PCLS/2010 | <b>With Amendment No.(s):</b> |
|------------------------------------------------------|-------------------------------|

### PART A : PARTICULARS OF SAMPLE SUBMITTED

|    |                                            |                                                                                      |
|----|--------------------------------------------|--------------------------------------------------------------------------------------|
| a) | Nature of Sample #                         | STP Outlet Water (Township).                                                         |
| b) | Sample Condition                           | Good                                                                                 |
| c) | Grade / Variety / Type / Class / Size etc. | NA                                                                                   |
| d) | Brand Name                                 | NA                                                                                   |
| e) | Declared Values,if any                     | NA                                                                                   |
| f) | Code No.                                   |  |
| g) | Batch Number #                             | NA                                                                                   |
| h) | D.O.M #                                    | NA                                                                                   |
| i) | Date of Expiry #                           | NA                                                                                   |
| j) | Sample Quantity #                          | 1 Ltr                                                                                |
| k) | Batch Size/Location #                      | NA                                                                                   |
| l) | Mode of Packing                            | Packed in bottles                                                                    |
| m) | Date of Receipt                            | 15-03-2022                                                                           |
| n) | Date of Start                              | 15-03-2022                                                                           |
| o) | Date of Completion                         | 24-03-2022                                                                           |
| p) | Seal (Intact/Not Intact/Unsealed)          | NA                                                                                   |
| q) | IO'S Signature (Signed/Unsigned)           | Unsigned                                                                             |
| r) | Any Other Information                      | Sample collected by lab rep. on 11.03.2022                                           |

  
 24-03-2022  
 Gaurav Khandelwal  
 [Authorized Signatory]

  
 Saurabh Sharma  
 24-03-2022  
 Reviewer

  
 24-03-2022  
 PremKumar  
 [Authorized Signatory]

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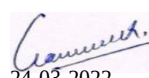
|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2203150797<br><b>Sample Reg. Date</b> :15-03-2022<br><b>Report Date</b> :24-03-2022<br><b>Report No.</b> :ICE-2203241615<br><b>NABL ULR No.</b> :TC592622000004995F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
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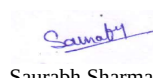
|    |                              |                                           |
|----|------------------------------|-------------------------------------------|
| s) | Test Request Submitted By    | Jhajjar Power Limited-Jhajjar ( Haryana ) |
| t) | Manufactured By <sup>#</sup> | NA                                        |
| u) | Supplied By <sup>#</sup>     | NA                                        |

### PART B : SUPPLEMENTARY INFORMATIONS

|    |                                                                                                                                                              |       |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| a. | Reference to sampling procedure, whenever applicable                                                                                                         | : N/A |
| b. | Supporting documents for the measurement taken and results derived like graphs, tables, sketches and / or photographs as appropriate to test reports, if any | : N/A |
| c. | Deviation from the test methods as prescribed in relevant ISS/WORK Instruments, if any                                                                       | : N/A |

| Description                                |                                      |                              |               |               |
|--------------------------------------------|--------------------------------------|------------------------------|---------------|---------------|
| Description                                |                                      | STP Outlet Water (Township). |               |               |
| S.No.                                      | Parameters                           | Method                       | Specification | Result        |
| <b>Discipline : Chemical</b>               |                                      |                              |               |               |
| <b>Group : Pollution &amp; Environment</b> |                                      |                              |               |               |
| <b>1.</b>                                  | <b>General Parameters</b>            |                              |               |               |
| a.                                         | Nitrate as NO <sub>3</sub> (mg/l)    | IS 3025 (Part 34)            | Max. 10       | BLQ(LOQ: 1.0) |
| b.                                         | Calcium(as Ca)(mg/l)                 | IS:3025(P-40)                | Not Specified | 111           |
| c.                                         | Magnesium as Mg(mg/l)                | IS: 3025 (P-46)              | Not Specified | 12            |
| d.                                         | Sodium(as Na)(mg/l)                  | IS:3025(P-45)                | Not Specified | 76.2          |
| e.                                         | Potassium as K,(mg/l)                | IS:3025(P-45)                | Not Specified | 10.4          |
| f.                                         | Phosphate(as PO <sub>4</sub> ), mg/L | APHA-23rd Edition            | Max. 5.0      | BLQ(LOQ: 0.1) |
| <b>Discipline : Biological</b>             |                                      |                              |               |               |
| <b>Group : Pollution &amp; Environment</b> |                                      |                              |               |               |

  
24-03-2022  
Gaurav Khandelwal  
[Authorized Signatory]

  
Saurabh Sharma  
24-03-2022  
Reviewer

  
24-03-2022  
PremKumar  
[Authorized Signatory]

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## Test Report

Document QF : 2501

Page 3 of 3

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2203150797<br><b>Sample Reg. Date</b> :15-03-2022<br><b>Report Date</b> :24-03-2022<br><b>Report No.</b> :ICE-2203241615<br><b>NABL ULR No.</b> :TC592622000004995F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

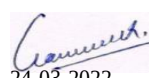
| 1. | Microbiological Tests      |                          |               |      |
|----|----------------------------|--------------------------|---------------|------|
| a. | Faecal Coliform, MPN/100ml | APHA-23 rd Edn 17-9221 F | Max. 1000     | <1.8 |
| b. | E.coli, (MPN/100ml)        | APHA 23rd Edn 17-9221 E  | Not Specified | <1.8 |
| c. | Total Coliform (MPN/100ml) | APHA-23 rd Edn 17-9221 F | Not Specified | 84   |

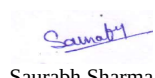
'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per EPA Act 1986/PCLS/2010. Sampling Procedure: SOP/ITC/EW/030

**REMARKS :**N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
 24-03-2022  
 Gaurav Khandelwal  
 [Authorized Signatory]

  
 Saurabh Sharma  
 24-03-2022  
 Reviewer

  
 24-03-2022  
 PremKumar  
 [Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
 86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
 Panchkula-134109 (Haryana)  
 Phone : (O) 0172-2561543, 2565825  
 Email : customersupport@itclabs.com  
 Visit us :www.itclabs.com

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## Test Report

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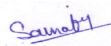
Page 1 of 3

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2203150798<br><b>Sample Reg. Date</b> :15-03-2022<br><b>Report Date</b> :24-03-2022<br><b>Report No.</b> :ICE-2203241575<br><b>NABL ULR No.</b> :TC592622000004938F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                 |                               |
|---------------------------------|-------------------------------|
| <b>Test Report as per IS:NA</b> | <b>With Amendment No.(s):</b> |
|---------------------------------|-------------------------------|

### PART A : PARTICULARS OF SAMPLE SUBMITTED

|    |                                            |                                                                                      |
|----|--------------------------------------------|--------------------------------------------------------------------------------------|
| a) | Nature of Sample #                         | STP Inlet Water (Plant)                                                              |
| b) | Sample Condition                           | Good                                                                                 |
| c) | Grade / Variety / Type / Class / Size etc. | NA                                                                                   |
| d) | Brand Name                                 | NA                                                                                   |
| e) | Declared Values,if any                     | NA                                                                                   |
| f) | Code No.                                   |  |
| g) | Batch Number #                             | NA                                                                                   |
| h) | D.O.M #                                    | NA                                                                                   |
| i) | Date of Expiry #                           | NA                                                                                   |
| j) | Sample Quantity #                          | 2 Ltr                                                                                |
| k) | Batch Size/Location #                      | NA                                                                                   |
| l) | Mode of Packing                            | Packed in bottles                                                                    |
| m) | Date of Receipt                            | 15-03-2022                                                                           |
| n) | Date of Start                              | 15-03-2022                                                                           |
| o) | Date of Completion                         | 24-03-2022                                                                           |
| p) | Seal (Intact/Not Intact/Unsealed)          | NA                                                                                   |
| q) | IO'S Signature (Signed/Unsigned)           | Unsigned                                                                             |
| r) | Any Other Information                      | Sample collected by lab rep. on 11.03.2022                                           |

  
Saurabh Sharma  
24-03-2022  
Reviewer

  
24-03-2022  
PremKumar  
[Authorized Signatory]

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## Test Report

Document QF : 2501

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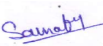
|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2203150798<br><b>Sample Reg. Date</b> :15-03-2022<br><b>Report Date</b> :24-03-2022<br><b>Report No.</b> :ICE-2203241575<br><b>NABL ULR No.</b> :TC592622000004938F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|    |                              |                                           |
|----|------------------------------|-------------------------------------------|
| s) | Test Request Submitted By    | Jhajjar Power Limited-Jhajjar ( Haryana ) |
| t) | Manufactured By <sup>#</sup> | NA                                        |
| u) | Supplied By <sup>#</sup>     | NA                                        |

### PART B : SUPPLEMENTARY INFORMATIONS

|    |                                                                                                                                                              |       |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| a. | Reference to sampling procedure, whenever applicable                                                                                                         | : N/A |
| b. | Supporting documents for the measurement taken and results derived like graphs, tables, sketches and / or photographs as appropriate to test reports, if any | : N/A |
| c. | Deviation from the test methods as prescribed in relevant ISS/WORK Instruments, if any                                                                       | : N/A |

| Description                                |                               |                                      |               |               |
|--------------------------------------------|-------------------------------|--------------------------------------|---------------|---------------|
| Description                                |                               | STP Inlet Water (Plant)              |               |               |
| S.No.                                      | Parameters                    | Method                               | Specification | Result        |
| <b>Discipline : Chemical</b>               |                               |                                      |               |               |
| <b>Group : Pollution &amp; Environment</b> |                               |                                      |               |               |
| <b>1. General Parameters</b>               |                               |                                      |               |               |
| a.                                         | Colour                        | IS:3025(Part4):1983(RA:2017)amd. no1 |               | Light Greyish |
| b.                                         | Odour                         | IS:3025(Part 5):1983(RA:2017)        |               | Mild          |
| c.                                         | pH Value                      | IS:3025 (Part - 11):1983(RA:2017)    |               | 6.98          |
| d.                                         | Total Suspended Solids,(mg/l) | IS:3025(Part 17)                     |               | 40            |
| e.                                         | Total Dissolved Solids (mg/l) | IS:3025(Part 16):1984(RA.2006)       | -             | 676           |

  
Saurabh Sharma  
24-03-2022  
Reviewer

  
24-03-2022  
PremKumar  
[Authorized Signatory]

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## Test Report

Document QF : 2501

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2203150798<br><b>Sample Reg. Date</b> :15-03-2022<br><b>Report Date</b> :24-03-2022<br><b>Report No.</b> :ICE-2203241575<br><b>NABL ULR No.</b> :TC592622000004938F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

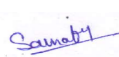
|    |                                                   |                                        |              |
|----|---------------------------------------------------|----------------------------------------|--------------|
| f. | Chemical Oxygen Demand(mg/l)                      | APHA-23rd Edition                      | 124          |
| g. | Bio-chemical Oxygen Demand, mg/l (3 days at 27°C) | IS:3025(P-44)                          | 44           |
| h. | Oil & Grease(mg/l)                                | IS:3025(P-39)                          | 4.8          |
| i. | Free Residual Chlorine (mg/l)                     | IS:3025(Part 26):1986(RA:2014)amd no 1 | BLQ(LOQ:1.0) |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per EPA Act 1986/PCLS/2010. Sampling Procedure: SOP/ITC/EW/030

**REMARKS :**N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
24-03-2022  
Reviewer

  
24-03-2022  
PremKumar  
[Authorized Signatory]

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## Test Report

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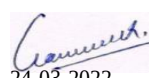
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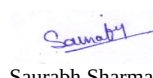
|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2203150799<br><b>Sample Reg. Date</b> :15-03-2022<br><b>Report Date</b> :24-03-2022<br><b>Report No.</b> :ICE-2203241616<br><b>NABL ULR No.</b> :TC592622000004985F<br><b>Customer Ref. No.:</b> Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                 |                               |
|---------------------------------|-------------------------------|
| <b>Test Report as per IS:NA</b> | <b>With Amendment No.(s):</b> |
|---------------------------------|-------------------------------|

### PART A : PARTICULARS OF SAMPLE SUBMITTED

|    |                                            |                                                                                      |
|----|--------------------------------------------|--------------------------------------------------------------------------------------|
| a) | Nature of Sample #                         | STP Inlet Water (Plant).                                                             |
| b) | Sample Condition                           | Good                                                                                 |
| c) | Grade / Variety / Type / Class / Size etc. | NA                                                                                   |
| d) | Brand Name                                 | NA                                                                                   |
| e) | Declared Values,if any                     | NA                                                                                   |
| f) | Code No.                                   |  |
| g) | Batch Number #                             | NA                                                                                   |
| h) | D.O.M #                                    | NA                                                                                   |
| i) | Date of Expiry #                           | NA                                                                                   |
| j) | Sample Quantity #                          | 1 Ltr                                                                                |
| k) | Batch Size/Location #                      | NA                                                                                   |
| l) | Mode of Packing                            | Packed in bottle                                                                     |
| m) | Date of Receipt                            | 15-03-2022                                                                           |
| n) | Date of Start                              | 15-03-2022                                                                           |
| o) | Date of Completion                         | 24-03-2022                                                                           |
| p) | Seal (Intact/Not Intact/Unsealed)          | NA                                                                                   |
| q) | IO'S Signature (Signed/Unsigned)           | Unsigned                                                                             |
| r) | Any Other Information                      | Sample collected by lab rep. on 11.03.2022                                           |

  
 24-03-2022  
 Gaurav Khandelwal  
 [Authorized Signatory]

  
 Saurabh Sharma  
 24-03-2022  
 Reviewer

  
 24-03-2022  
 PremKumar  
 [Authorized Signatory]

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## Test Report

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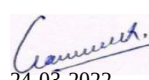
|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2203150799<br><b>Sample Reg. Date</b> :15-03-2022<br><b>Report Date</b> :24-03-2022<br><b>Report No.</b> :ICE-2203241616<br><b>NABL ULR No.</b> :TC592622000004985F<br><b>Customer Ref. No.:</b> Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

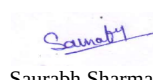
|    |                              |                                           |
|----|------------------------------|-------------------------------------------|
| s) | Test Request Submitted By    | Jhajjar Power Limited-Jhajjar ( Haryana ) |
| t) | Manufactured By <sup>#</sup> | NA                                        |
| u) | Supplied By <sup>#</sup>     | NA                                        |

### PART B : SUPPLIMENTARY INFORMATIONS

|    |                                                                                                                                                              |       |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| a. | Reference to sampling procedure, whenever applicable                                                                                                         | : N/A |
| b. | Supporting documents for the measurement taken and results derived like graphs, tables, sketches and / or photographs as appropriate to test reports, if any | : N/A |
| c. | Deviation from the test methods as prescribed in relevant ISS/WORK Instruments, if any                                                                       | : N/A |

| Description                                |                                     |                          |               |              |
|--------------------------------------------|-------------------------------------|--------------------------|---------------|--------------|
| Description                                |                                     | STP Inlet Water (Plant). |               |              |
| S.No.                                      | Parameters                          | Method                   | Specification | Result       |
| <b>Discipline : Chemical</b>               |                                     |                          |               |              |
| <b>Group : Pollution &amp; Environment</b> |                                     |                          |               |              |
| <b>1.</b>                                  | <b>General Parameters</b>           |                          |               |              |
| a.                                         | Nitrate as NO <sub>3</sub> (mg/l)   | IS:3025(P-34)            |               | BLQ(LOQ:1.0) |
| b.                                         | Calcium(as Ca)(mg/l)                | IS:3025(P-40)            | -             | 49           |
| c.                                         | Magnesium as Mg(mg/l)               | IS:3025(Part-46)         | -             | 14           |
| d.                                         | Sodium(as Na)(mg/l)                 | IS:3025(P-45)            | -             | 28.1         |
| e.                                         | Potassium as K,(mg/l)               | IS:3025(P-45)            |               | 6.4          |
| f.                                         | Phosphate as PO <sub>4</sub> (mg/l) | APHA-23rd Edition        |               | BLQ(LOQ:0.1) |
| <b>Discipline : Biological</b>             |                                     |                          |               |              |
| <b>Group : Pollution &amp; Environment</b> |                                     |                          |               |              |

  
24-03-2022  
Gaurav Khandelwal  
[Authorized Signatory]

  
Saurabh Sharma  
24-03-2022  
Reviewer

  
24-03-2022  
PremKumar  
[Authorized Signatory]

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## Test Report

Document QF : 2501

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2203150799<br><b>Sample Reg. Date</b> :15-03-2022<br><b>Report Date</b> :24-03-2022<br><b>Report No.</b> :ICE-2203241616<br><b>NABL ULR No.</b> :TC592622000004985F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

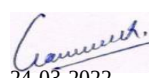
| 1. | Microbiological Tests         |                          |  |                       |
|----|-------------------------------|--------------------------|--|-----------------------|
| a. | Faecal Coliforms, (MPN/100ml) | APHA-23 rd Edn 17-9221 F |  | 9.3 x 10 <sup>4</sup> |
| b. | E.coli, (MPN/100ml)           | APHA-23 rd Edn 17-9221 F |  | 8.0 x 10 <sup>4</sup> |
| c. | Total Coliform (MPN/100ml)    | APHA-23 rd Edn 17-9221 F |  | 2.2 x 10 <sup>5</sup> |

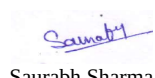
'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, Requirement as per EPA Act 1986/PCLS/2010. Sampling Procedure: SOP/ITC/EW/030, Purpose - For Self Monitoring

**REMARKS :**N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
 24-03-2022  
 Gaurav Khandelwal  
 [Authorized Signatory]

  
 Saurabh Sharma  
 24-03-2022  
 Reviewer

  
 24-03-2022  
 PremKumar  
 [Authorized Signatory]

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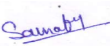
Page 1 of 3

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2203150800<br><b>Sample Reg. Date</b> :15-03-2022<br><b>Report Date</b> :24-03-2022<br><b>Report No.</b> :ICE-2203241576<br><b>NABL ULR No.</b> :TC592622000004948F<br><b>Customer Ref. No.:</b> Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                      |                               |
|------------------------------------------------------|-------------------------------|
| <b>Test Report as per IS:</b> EPA Act 1986/PCLS/2010 | <b>With Amendment No.(s):</b> |
|------------------------------------------------------|-------------------------------|

### PART A : PARTICULARS OF SAMPLE SUBMITTED

|    |                                            |                                                                                      |
|----|--------------------------------------------|--------------------------------------------------------------------------------------|
| a) | Nature of Sample #                         | STP Outlet Water (Plant)                                                             |
| b) | Sample Condition                           | Good                                                                                 |
| c) | Grade / Variety / Type / Class / Size etc. | NA                                                                                   |
| d) | Brand Name                                 | NA                                                                                   |
| e) | Declared Values,if any                     | NA                                                                                   |
| f) | Code No.                                   |  |
| g) | Batch Number #                             | NA                                                                                   |
| h) | D.O.M #                                    | NA                                                                                   |
| i) | Date of Expiry #                           | NA                                                                                   |
| j) | Sample Quantity #                          | 2 Ltr                                                                                |
| k) | Batch Size/Location #                      | NA                                                                                   |
| l) | Mode of Packing                            | Packed in bottles                                                                    |
| m) | Date of Receipt                            | 15-03-2022                                                                           |
| n) | Date of Start                              | 15-03-2022                                                                           |
| o) | Date of Completion                         | 24-03-2022                                                                           |
| p) | Seal (Intact/Not Intact/Unsealed)          | NA                                                                                   |
| q) | IO'S Signature (Signed/Unsigned)           | Unsigned                                                                             |
| r) | Any Other Information                      | Sample collected by lab rep. on 11.03.2022                                           |

  
Saurabh Sharma  
24-03-2022  
Reviewer

  
24-03-2022  
PremKumar  
[Authorized Signatory]

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## Test Report

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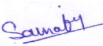
|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2203150800<br><b>Sample Reg. Date</b> :15-03-2022<br><b>Report Date</b> :24-03-2022<br><b>Report No.</b> :ICE-2203241576<br><b>NABL ULR No.</b> :TC592622000004948F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|    |                              |                                           |
|----|------------------------------|-------------------------------------------|
| s) | Test Request Submitted By    | Jhajjar Power Limited-Jhajjar ( Haryana ) |
| t) | Manufactured By <sup>#</sup> | NA                                        |
| u) | Supplied By <sup>#</sup>     | NA                                        |

### PART B : SUPPLEMENTARY INFORMATIONS

|    |                                                                                                                                                              |       |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| a. | Reference to sampling procedure, whenever applicable                                                                                                         | : N/A |
| b. | Supporting documents for the measurement taken and results derived like graphs, tables, sketches and / or photographs as appropriate to test reports, if any | : N/A |
| c. | Deviation from the test methods as prescribed in relevant ISS/WORK Instruments, if any                                                                       | : N/A |

| Description                                |                               |                                      |               |            |
|--------------------------------------------|-------------------------------|--------------------------------------|---------------|------------|
| Description                                |                               | STP Outlet Water (Plant)             |               |            |
| S.No.                                      | Parameters                    | Method                               | Specification | Result     |
| <b>Discipline : Chemical</b>               |                               |                                      |               |            |
| <b>Group : Pollution &amp; Environment</b> |                               |                                      |               |            |
| <b>1. General Parameters</b>               |                               |                                      |               |            |
| a.                                         | Colour                        | IS:3025(Part4):1983(RA:2017)amd. no1 | Not Specified | Colourless |
| b.                                         | Odour                         | IS:3025(Part 5):1983(RA:2017)        | Not Specified | None       |
| c.                                         | pH Value                      | IS:3025 (Part - 11):1983(RA:2017)    | 6.5-9         | 6.69       |
| d.                                         | Total Suspended Solids,(mg/l) | IS:3025(Part 17)                     | Max. 100      | 8          |
| e.                                         | Total Dissolved Solids (mg/l) | IS:3025(Part 16):1984(RA.2006)       | Not Specified | 650        |

  
Saurabh Sharma  
24-03-2022  
Reviewer

  
24-03-2022  
PremKumar  
[Authorized Signatory]

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## Test Report

Document QF : 2501

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2203150800<br><b>Sample Reg. Date</b> :15-03-2022<br><b>Report Date</b> :24-03-2022<br><b>Report No.</b> :ICE-2203241576<br><b>NABL ULR No.</b> :TC592622000004948F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

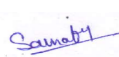
|    |                                                   |                   |               |              |
|----|---------------------------------------------------|-------------------|---------------|--------------|
| f. | Chemical Oxygen Demand(mg/l)                      | APHA-23rd Edition | Not Specified | 55           |
| g. | Bio-chemical Oxygen Demand, mg/l (3 days at 27°C) | IS:3025(P-44)     | Max. 30       | 16           |
| h. | Oil & Grease(mg/l)                                | IS:3025(P-39)     | Max. 10       | <4.0         |
| i. | Free Residual Chlorine (mg/l)                     | IS:3025(P-26)     | Max. 1.0      | BLQ(LOQ:1.0) |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per EPA Act 1986/PCLS/2010. Sampling Procedure: SOP/ITC/EW/030

**REMARKS :**N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
24-03-2022  
Reviewer

  
24-03-2022  
PremKumar  
[Authorized Signatory]

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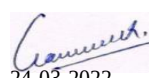
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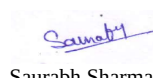
|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2203150801<br><b>Sample Reg. Date</b> :15-03-2022<br><b>Report Date</b> :24-03-2022<br><b>Report No.</b> :ICE-2203241617<br><b>NABL ULR No.</b> :TC592622000004996F<br><b>Customer Ref. No.:</b> Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                      |                               |
|------------------------------------------------------|-------------------------------|
| <b>Test Report as per IS:</b> EPA Act 1986/PCLS/2010 | <b>With Amendment No.(s):</b> |
|------------------------------------------------------|-------------------------------|

### PART A : PARTICULARS OF SAMPLE SUBMITTED

|    |                                            |                                                                                      |
|----|--------------------------------------------|--------------------------------------------------------------------------------------|
| a) | Nature of Sample #                         | STP Outlet Water (Plant).                                                            |
| b) | Sample Condition                           | Good                                                                                 |
| c) | Grade / Variety / Type / Class / Size etc. | NA                                                                                   |
| d) | Brand Name                                 | NA                                                                                   |
| e) | Declared Values,if any                     | NA                                                                                   |
| f) | Code No.                                   |  |
| g) | Batch Number #                             | NA                                                                                   |
| h) | D.O.M #                                    | NA                                                                                   |
| i) | Date of Expiry #                           | NA                                                                                   |
| j) | Sample Quantity #                          | 1 Ltr                                                                                |
| k) | Batch Size/Location #                      | NA                                                                                   |
| l) | Mode of Packing                            | Packed in bottles                                                                    |
| m) | Date of Receipt                            | 15-03-2022                                                                           |
| n) | Date of Start                              | 15-03-2022                                                                           |
| o) | Date of Completion                         | 24-03-2022                                                                           |
| p) | Seal (Intact/Not Intact/Unsealed)          | NA                                                                                   |
| q) | IO'S Signature (Signed/Unsigned)           | Unsigned                                                                             |
| r) | Any Other Information                      | Sample collected by lab rep. on 11.03.2022                                           |

  
24-03-2022  
Gaurav Khandelwal  
[Authorized Signatory]

  
Saurabh Sharma  
24-03-2022  
Reviewer

  
24-03-2022  
PremKumar  
[Authorized Signatory]

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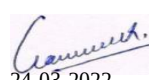
|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2203150801<br><b>Sample Reg. Date</b> :15-03-2022<br><b>Report Date</b> :24-03-2022<br><b>Report No.</b> :ICE-2203241617<br><b>NABL ULR No.</b> :TC592622000004996F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

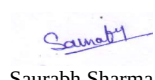
|    |                              |                                           |
|----|------------------------------|-------------------------------------------|
| s) | Test Request Submitted By    | Jhajjar Power Limited-Jhajjar ( Haryana ) |
| t) | Manufactured By <sup>#</sup> | NA                                        |
| u) | Supplied By <sup>#</sup>     | NA                                        |

### PART B : SUPPLEMENTARY INFORMATIONS

|    |                                                                                                                                                              |       |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| a. | Reference to sampling procedure, whenever applicable                                                                                                         | : N/A |
| b. | Supporting documents for the measurement taken and results derived like graphs, tables, sketches and / or photographs as appropriate to test reports, if any | : N/A |
| c. | Deviation from the test methods as prescribed in relevant ISS/WORK Instruments, if any                                                                       | : N/A |

| Description                                |                                      |                           |               |               |
|--------------------------------------------|--------------------------------------|---------------------------|---------------|---------------|
| Description                                |                                      | STP Outlet Water (Plant). |               |               |
| S.No.                                      | Parameters                           | Method                    | Specification | Result        |
| <b>Discipline : Chemical</b>               |                                      |                           |               |               |
| <b>Group : Pollution &amp; Environment</b> |                                      |                           |               |               |
| <b>1.</b>                                  | <b>General Parameters</b>            |                           |               |               |
| a.                                         | Nitrate as NO <sub>3</sub> (mg/l)    | IS 3025 (Part 34)         | Max. 10       | BLQ(LOQ: 1.0) |
| b.                                         | Calcium(as Ca)(mg/l)                 | IS:3025(P-40)             | Not Specified | 76            |
| c.                                         | Magnesium as Mg(mg/l)                | IS: 3025 (P-46)           | Not Specified | 19            |
| d.                                         | Sodium(as Na)(mg/l)                  | IS:3025(P-45)             | Not Specified | 18.1          |
| e.                                         | Potassium as K,(mg/l)                | IS:3025(P-45)             | Not Specified | 6.2           |
| f.                                         | Phosphate(as PO <sub>4</sub> ), mg/L | APHA-23rd Edition         | Max. 5.0      | BLQ(LOQ: 0.1) |
| <b>Discipline : Biological</b>             |                                      |                           |               |               |
| <b>Group : Pollution &amp; Environment</b> |                                      |                           |               |               |

  
24-03-2022  
Gaurav Khandelwal  
[Authorized Signatory]

  
Saurabh Sharma  
24-03-2022  
Reviewer

  
24-03-2022  
PremKumar  
[Authorized Signatory]

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

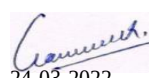
| 1. | Microbiological Tests      |                          |               |      |
|----|----------------------------|--------------------------|---------------|------|
| a. | Faecal Coliform, MPN/100ml | APHA-23 rd Edn 17-9221 F | Max. 1000     | <1.8 |
| b. | E.coli, (MPN/100ml)        | APHA 23rd Edn 17-9221 E  | Not Specified | <1.8 |
| c. | Total Coliform (MPN/100ml) | APHA-23 rd Edn 17-9221 F | Not Specified | 79   |

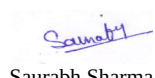
'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per EPA Act 1986/PCLS/2010. Sampling Procedure: SOP/ITC/EW/030

**REMARKS :**N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
 24-03-2022  
 Gaurav Khandelwal  
 [Authorized Signatory]

  
 Saurabh Sharma  
 24-03-2022  
 Reviewer

  
 24-03-2022  
 PremKumar  
 [Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
 86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
 Panchkula-134109 (Haryana)  
 Phone : (O) 0172-2561543, 2565825  
 Email : customersupport@itclabs.com  
 Visit us :www.itclabs.com

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Page 1 of 2

|                                                                                                             |                                                                                                                                                                                                                                                                    |
|-------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2103150516<br><b>Sample Reg. Date</b> :15-03-2021<br><b>Report Date</b> :19-03-2021<br><b>Report No.</b> :ICE-2103190661<br><b>NABL ULR No.</b> :TC592621000002775F<br><b>Customer Ref. No.:</b> PO<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                           |                          |
|---------------------------|--------------------------|
| <b>Test Report as per</b> | : EPA Act 1986/PCLS/2010 |
|---------------------------|--------------------------|

|                                                                                                                                                                                                                                |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| <b>General Information</b><br>Name of Sample : Ambient Noise<br>Date of Monitoring : 12-03-2021<br>Time of Monitoring : Day & Night<br>Nature of Industry : Thermal Power Plant<br>Purpose of Monitoring : For Self Monitoring |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|

## TEST RESULTS

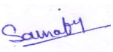
### Description

|             |                  |
|-------------|------------------|
| Description | Noise Monitoring |
|-------------|------------------|

| S.No. | Test Parameter | Method | Requirement | Result |
|-------|----------------|--------|-------------|--------|
|-------|----------------|--------|-------------|--------|

### Test Details :

| 1. | Location Name                             |                            |           |      |
|----|-------------------------------------------|----------------------------|-----------|------|
| a. | Near Gate No.1 (Day Time), Leq dB (A)     | IS: 9989 (Reaffirmed 2014) | Max. 75.0 | 72.4 |
| b. | Near Gate No.1 (Night Time), Leq dB (A)   | IS: 9989 (Reaffirmed 2014) | Max. 70.0 | 70.3 |
| c. | Near Gate No.2 (Day Time), Leq dB (A)     | IS: 9989 (Reaffirmed 2014) | Max. 75.0 | 71.7 |
| d. | Near Gate No.2 (Night Time), Leq dB (A)   | IS: 9989 (Reaffirmed 2014) | Max. 70.0 | 69.3 |
| e. | Near Gate No.3 (Day Time), Leq dB (A)     | IS: 9989 (Reaffirmed 2014) | Max. 75.0 | 66.3 |
| f. | Near Gate No.3 (Night Time), Leq dB (A)   | IS: 9989 (Reaffirmed 2014) | Max. 70.0 | 63.3 |
| g. | Near Guest House (Day Time), Leq dB (A)   | IS: 9989 (Reaffirmed 2014) | Max. 75.0 | 60.0 |
| h. | Near Guest House (Night Time), Leq dB (A) | IS: 9989 (Reaffirmed 2014) | Max. 70.0 | 58.3 |

  
Saurabh Sharma  
19-03-2021  
Reviewer

  
19-03-2021  
PremKumar  
[Authorized Signatory]

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## Test Report

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|                                                                                                             |                                                                                                                                                                                                                                                                    |
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2103150516<br><b>Sample Reg. Date</b> :15-03-2021<br><b>Report Date</b> :19-03-2021<br><b>Report No.</b> :ICE-2103190661<br><b>NABL ULR No.</b> :TC592621000002775F<br><b>Customer Ref. No.:</b> PO<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

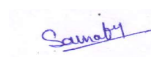
|    |                                       |                            |           |      |
|----|---------------------------------------|----------------------------|-----------|------|
| i. | Near D Block (Day Time), Leq dB (A)   | IS: 9989 (Reaffirmed 2014) | Max. 75.0 | 60.1 |
| j. | Near D Block (Night Time), Leq dB (A) | IS: 9989 (Reaffirmed 2014) | Max. 70.0 | 56.5 |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, Requirements as per EPA Act 1986/PCLS/2010, Sampling Procedure : SOP/ITC/EW/056.  
Day Time - 06 :00 Hrs To 22 :00 Hrs, Night Time - 22 :00 Hrs To 06 :00 Hrs

**REMARKS :**N/A

**\*\*\*\*\*End Of Report\*\*\*\*\***

  
Saurabh Sharma  
19-03-2021  
Reviewer

  
19-03-2021  
PremKumar  
[Authorized Signatory]

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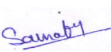
## Test Report

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2203140776<br><b>Sample Reg. Date</b> :14-03-2022<br><b>Report Date</b> :17-03-2022<br><b>Report No.</b> :ICE-2203171063<br><b>NABL ULR No.</b> :TC592622000004535F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                         |                                                         |
|-----------------------------------------|---------------------------------------------------------|
| <b>Test Report as per :</b>             | : EPA Act 1986/PCLS/2010,G.S.R 281(E),Dated- 07.03.2016 |
| <b>General Information :</b>            |                                                         |
| Date of Monitoring                      | : 11-03-2022                                            |
| Time of Monitoring                      | : 12:10 hrs                                             |
| Purpose of Monitoring                   | : For Self Monitoring                                   |
| Source of Noise Pollution Monitored     | : DG Set-1 (1600 kVA)                                   |
| Engine No.                              | : 16171                                                 |
| Make                                    | : Mitsubishi                                            |
| Date of mfg of DG Set                   | : Not provide by party                                  |
| Date of Installation                    | : Not provide by party                                  |
| Type approval No.                       | : Not provide by party                                  |
| Pollution Control Device (if any)       | : Acoustic Enclosure                                    |
| Stack Height from Ground level to Top,m | : 9.5                                                   |
| Stack Height from Roof level,m          | : -                                                     |
| Location of noise Generating Source     | : Ground Floor                                          |

|                    |                              |                                      |                      |               |
|--------------------|------------------------------|--------------------------------------|----------------------|---------------|
| <b>Description</b> |                              |                                      |                      |               |
| Description        |                              | Noise DG Set-1 (1600 kVA) Monitoring |                      |               |
| <b>S.No.</b>       | <b>Parameters</b>            | <b>Method</b>                        | <b>Specification</b> | <b>Result</b> |
|                    | <b>Discipline : Chemical</b> |                                      |                      |               |

  
Saurabh Sharma  
17-03-2022  
Reviewer

  
19-03-2022  
PremKumar  
[Authorized Signatory]

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## Test Report

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2203140776<br><b>Sample Reg. Date</b> :14-03-2022<br><b>Report Date</b> :17-03-2022<br><b>Report No.</b> :ICE-2203171063<br><b>NABL ULR No.</b> :TC592622000004535F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

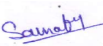
| Group : Atmospheric Pollution |                                                               |                 |           |      |
|-------------------------------|---------------------------------------------------------------|-----------------|-----------|------|
| 1. General Parameters         |                                                               |                 |           |      |
| a.                            | Open Door at 0.5 meter away from Acoustic Enclosure, dB (A)   | CPCB Guidelines | --        | 98.9 |
| b.                            | Closed Door at 0.5 meter away from Acoustic Enclosure, dB (A) | CPCB Guidelines | Max. 75.0 | 73.7 |
| c.                            | Insertion Loss                                                | CPCB Guidelines | Min. 25.0 | 25.2 |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, Requirements as per EPA Act 1986/PCLS/2010,G.S.R 281(E),Dated- 07.03.2016, Sampling Procedure - SOP/ITC/EW/056

**REMARKS :**N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
17-03-2022  
Reviewer

  
19-03-2022  
PremKumar  
[Authorized Signatory]

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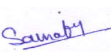
## Test Report

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|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2203140777<br><b>Sample Reg. Date</b> :14-03-2022<br><b>Report Date</b> :17-03-2022<br><b>Report No.</b> :ICE-2203171079<br><b>NABL ULR No.</b> :TC592622000004540F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                         |                                                         |
|-----------------------------------------|---------------------------------------------------------|
| <b>Test Report as per :</b>             | : EPA Act 1986/PCLS/2010,G.S.R 281(E),Dated- 07.03.2016 |
| <b>General Information :</b>            |                                                         |
| Date of Monitoring                      | : 11-03-2022                                            |
| Time of Monitoring                      | : 11:36 hrs                                             |
| Purpose of Monitoring                   | : For Self Monitoring                                   |
| Source of Noise Pollution Monitored     | : DG Set-2 (1600 kVA)                                   |
| Engine No.                              | : 16386                                                 |
| Make                                    | : Mitsubishi                                            |
| Date of mfg of DG Set                   | : Not provide by party                                  |
| Date of Installation                    | : Not provide by party                                  |
| Type approval No.                       | : Not provide by party                                  |
| Pollution Control Device (if any)       | : Acoustic Enclosure                                    |
| Stack Height from Ground level to Top,m | : 9.5                                                   |
| Stack Height from Roof level,m          | : -                                                     |
| Location of noise Generating Source     | : Ground Floor                                          |

|                    |                              |                                      |                      |               |
|--------------------|------------------------------|--------------------------------------|----------------------|---------------|
| <b>Description</b> |                              |                                      |                      |               |
| Description        |                              | Noise DG Set-2 (1600 kVA) Monitoring |                      |               |
| <b>S.No.</b>       | <b>Parameters</b>            | <b>Method</b>                        | <b>Specification</b> | <b>Result</b> |
|                    | <b>Discipline : Chemical</b> |                                      |                      |               |

  
Saurabh Sharma  
17-03-2022  
Reviewer

  
19-03-2022  
PremKumar  
[Authorized Signatory]

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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2203140777<br><b>Sample Reg. Date</b> :14-03-2022<br><b>Report Date</b> :17-03-2022<br><b>Report No.</b> :ICE-2203171079<br><b>NABL ULR No.</b> :TC592622000004540F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
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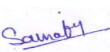
| Group : Atmospheric Pollution |                                                               |                 |           |      |
|-------------------------------|---------------------------------------------------------------|-----------------|-----------|------|
| 1. General Parameters         |                                                               |                 |           |      |
| a.                            | Open Door at 0.5 meter away from Acoustic Enclosure, dB (A)   | CPCB Guidelines | --        | 98.1 |
| b.                            | Closed Door at 0.5 meter away from Acoustic Enclosure, dB (A) | CPCB Guidelines | Max. 75.0 | 72.9 |
| c.                            | Insertion Loss                                                | CPCB Guidelines | Min. 25.0 | 25.3 |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, Requirements as per EPA Act 1986/PCLS/2010,G.S.R 281(E),Dated- 07.03.2016, Sampling Procedure - SOP/ITC/EW/056

**REMARKS :**N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
17-03-2022  
Reviewer

  
19-03-2022  
PremKumar  
[Authorized Signatory]

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**Annexure-IV**

**Quarterly Average Ash Content Report**

| Name of power plant                         | Capacity               | Type of coal     | Period            | Average Ash Content (%) | Remarks                                        |
|---------------------------------------------|------------------------|------------------|-------------------|-------------------------|------------------------------------------------|
| Mahatma Gandhi Thermal Power Plant, Jhajjar | 1,320 MW<br>(2x 660MW) | Linkage Domestic | Jan '22 to Mar'22 | 37.72%                  | Almost all the generated ash has been utilized |

Note: MGTPP's operates based on the domestic supplied under linkage provided by GOI/CIL subsidies. The entire coal burnt during the last quarter came through domestic coal supplied as per Fuel Supply Agreements (FSA) with 04 subsidiaries of Coal India Limited (CIL) viz. CCL, NCL, BCCL & ECL.



Our Ref : JPL/HSPCB/ENV/011771  
Date : January 11, 2022

**The Regional Officer**

Haryana State Pollution Control Board  
Regional Office, SCF No. 42 & 43, Shopping Centre,  
Sector-6, Huda, Bahadurgarh  
Tele Fax: 01276-267077  
E-mail: [hspcbrobdh@gmail.com](mailto:hspcbrobdh@gmail.com)

**Subject:** Submission of Quarterly monitoring reports of MGTPP, Jhajjar Power Limited.

**Ref:** 1. Environmental Clearance No.: J-13011/10/2008-IA.II(T) dated 24.04.2008  
2. Consent to Operate Regd. No.: HSPCB/Consent/ :28116121JHACTO12685526  
Dated:22/07/2021

Dear Sir,

As per above mentioned subject, please find the enclosed quarterly monitoring reports for submission.

Monitoring Reports of Air, Water& Noise of Oct 2021- **Annexure I**  
Monitoring Reports of Air, Water& Noise of Nov 2021 - **Annexure II**  
Monitoring Reports of Air, Water& Noise of Dec 2021 - **Annexure III**

Quarterly Average Ash content in coal is provided in **Annexure IV**

We hope that JPL would continue to receive your cooperation in this regard to fulfill our commitment towards compliance of all the relevant environmental norms in the future.

Thanking you.

Yours faithfully,  
For Jhajjar Power Limited

Bhaskar Bhattacharjee  
Sr. Vice President - Operations

**Enclosure:** Annexure I, Annexure II, Annexure III and Annexure IV

**Copy to:** Member Secretary, Haryana State Pollution Control Board, C-11, Sector-6, Panchkula, Haryana.

**Jhajjar Power Limited (An Apraava Energy Group Company)**

**Corporate Office:**

7th Floor, Fulcrum, Sahar Road,  
Andheri (East), Mumbai 400 099  
T: +91 22 6758 8888

F: +91 22 6758 8811/8833

**Registered Office:**

Unit No. T-15 B, Salcon Ras Vilas, 3 rd Floor,  
Plot No. D-1, Saket District Centre, Saket,  
New Delhi - 110 017, India

T: +91 11 6612 0700 F: +91 11 6612 0777/0778

CIN No.: U40104DL2008SGC374107

**Plant:**

Village Khanpur, Tehsil Matenhail,  
District Jhajjar, Haryana 124 142

T: +91 -1251 -270100

F: +91 -1251 -270105

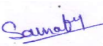
## Test Report

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2110130475<br><b>Sample Reg. Date</b> :13-10-2021<br><b>Report Date</b> :20-10-2021<br><b>Report No.</b> :ICE-2110200731<br><b>NABL ULR No.</b> :TC592621000012098F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                                                                                                                                                                                                                                                                |                                                                                                                   |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|
| <b>Test Report as per :</b>                                                                                                                                                                                                                                                                    | : NAAQS 2009                                                                                                      |
| <b>General Information :</b><br>Location of Sampling Point<br>Date of Monitoring<br>Time of Monitoring<br>Purpose of Monitoring<br>Duration of Monitoring, minutes<br>Avg. Flow Rate of Sampling, m <sup>3</sup> /min<br>Volume of air sampled, m <sup>3</sup><br>Avg. Ambient Temperature, °C | : Near Gate No.3<br>: 04-10-2021<br>: 10:50 hrs<br>: For Self Monitoring<br>: 1440<br>: 1.34<br>: 1829.70<br>: 33 |

| Description                          |                                                            |                                                   |               |               |
|--------------------------------------|------------------------------------------------------------|---------------------------------------------------|---------------|---------------|
| Description                          |                                                            | Ambient Air Quality Monitoring                    |               |               |
| S.No.                                | Parameters                                                 | Method                                            | Specification | Result        |
| <b>Discipline : Chemical</b>         |                                                            |                                                   |               |               |
| <b>Group : Atmospheric Pollution</b> |                                                            |                                                   |               |               |
| <b>1.</b>                            | <b>Ambient Air Quality Parameters</b>                      |                                                   |               |               |
| a.                                   | Sulphur Dioxide(SO <sub>2</sub> ), μg/m <sup>3</sup>       | IS:5182(P-2)                                      | 80 Max        | 12.60         |
| b.                                   | Nitrogen Dioxide(NO <sub>2</sub> ), μg/m <sup>3</sup>      | IS:5182(P-6)                                      | 80 Max        | 18.58         |
| c.                                   | Particulate Matter (PM <sub>10</sub> ), μg/m <sup>3</sup>  | IS:5182(P-23)                                     | 100 Max       | 94.77         |
| d.                                   | Particulate matter (PM <sub>2.5</sub> ), μg/m <sup>3</sup> | STP/ITC/EW-01                                     | 60 Max        | 52.19         |
| e.                                   | Ozone(O <sub>3</sub> ), μg/m <sup>3</sup>                  | IS:5182(P-9)                                      | 180 Max       | BLQ (LOQ:14)  |
| f.                                   | Lead(As Pb), μg/m <sup>3</sup>                             | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max       | BLQ (LOQ:0.1) |
| g.                                   | Carbon Monoxide(CO), mg/m <sup>3</sup>                     | IS:5182(P-10)                                     | 4 Max         | 1.2           |

  
Saurabh Sharma  
20-10-2021  
Reviewer

  
20-10-2021  
Prem Kumar  
[Authorized Signatory]

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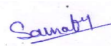
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | BLQ (LOQ:5.0) |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ (LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.05) |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ (LOQ:1.0) |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ (LOQ:1.0) |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per NAAQS 2009, Sampling Procedure - SOP/ITC/EW/056

**REMARKS :**N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
20-10-2021  
Reviewer

  
20-10-2021  
PremKumar  
[Authorized Signatory]

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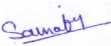
## Test Report

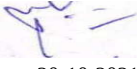
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2110130474<br><b>Sample Reg. Date</b> :13-10-2021<br><b>Report Date</b> :20-10-2021<br><b>Report No.</b> :ICE-2110200729<br><b>NABL ULR No.</b> :TC592621000012099F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                                                                                                                                                                                                                                                                |                                                                                                                     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| <b>Test Report as per :</b>                                                                                                                                                                                                                                                                    | : NAAQS 2009                                                                                                        |
| <b>General Information :</b><br>Location of Sampling Point<br>Date of Monitoring<br>Time of Monitoring<br>Purpose of Monitoring<br>Duration of Monitoring, minutes<br>Avg. Flow Rate of Sampling, m <sup>3</sup> /min<br>Volume of air sampled, m <sup>3</sup><br>Avg. Ambient Temperature, °C | : Near Guest House<br>: 04-10-2021<br>: 11:10 hrs<br>: For Self Monitoring<br>: 1440<br>: 1.33<br>: 1810.13<br>: 34 |

| Description                          |                                                            |                                                   |               |               |
|--------------------------------------|------------------------------------------------------------|---------------------------------------------------|---------------|---------------|
| Description                          |                                                            | Ambient Air Quality Monitoring                    |               |               |
| S.No.                                | Parameters                                                 | Method                                            | Specification | Result        |
| <b>Discipline : Chemical</b>         |                                                            |                                                   |               |               |
| <b>Group : Atmospheric Pollution</b> |                                                            |                                                   |               |               |
| <b>1.</b>                            | <b>Ambient Air Quality Parameters</b>                      |                                                   |               |               |
| a.                                   | Sulphur Dioxide(SO <sub>2</sub> ), μg/m <sup>3</sup>       | IS:5182(P-2)                                      | 80 Max        | 6.95          |
| b.                                   | Nitrogen Dioxide(NO <sub>2</sub> ), μg/m <sup>3</sup>      | IS:5182(P-6)                                      | 80 Max        | 10.51         |
| c.                                   | Particulate Matter (PM <sub>10</sub> ), μg/m <sup>3</sup>  | IS:5182(P-23)                                     | 100 Max       | 80.66         |
| d.                                   | Particulate matter (PM <sub>2.5</sub> ), μg/m <sup>3</sup> | STP/ITC/EW-01                                     | 60 Max        | 39.56         |
| e.                                   | Ozone(O <sub>3</sub> ), μg/m <sup>3</sup>                  | IS:5182(P-9)                                      | 180 Max       | BLQ (LOQ:14)  |
| f.                                   | Lead(As Pb), μg/m <sup>3</sup>                             | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max       | BLQ (LOQ:0.1) |
| g.                                   | Carbon Monoxide(CO), mg/m <sup>3</sup>                     | IS:5182(P-10)                                     | 4 Max         | BLQ (LOQ:1.0) |

  
Saurabh Sharma  
20-10-2021  
Reviewer

  
20-10-2021  
Prem Kumar  
[Authorized Signatory]

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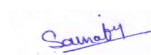
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | BLQ (LOQ:5.0) |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ (LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.05) |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ (LOQ:1.0) |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ (LOQ:1.0) |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per NAAQS 2009, Sampling Procedure - SOP/ITC/EW/056

**REMARKS :** N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
20-10-2021  
Reviewer

  
20-10-2021  
Prem Kumar  
[Authorized Signatory]

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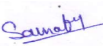
## Test Report

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2110130477<br><b>Sample Reg. Date</b> :13-10-2021<br><b>Report Date</b> :20-10-2021<br><b>Report No.</b> :ICE-2110200733<br><b>NABL ULR No.</b> :TC592621000012100F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
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|                                                                                                                                                                                                                                                                                                |                                                                                                                      |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|
| <b>Test Report as per :</b>                                                                                                                                                                                                                                                                    | : NAAQS 2009                                                                                                         |
| <b>General Information :</b><br>Location of Sampling Point<br>Date of Monitoring<br>Time of Monitoring<br>Purpose of Monitoring<br>Duration of Monitoring, minutes<br>Avg. Flow Rate of Sampling, m <sup>3</sup> /min<br>Volume of air sampled, m <sup>3</sup><br>Avg. Ambient Temperature, °C | : Near Shakti Vihar<br>: 04-10-2021<br>: 11:30 hrs<br>: For Self Monitoring<br>: 1440<br>: 1.33<br>: 1816.05<br>: 33 |

| Description                          |                                                            |                                                   |               |               |
|--------------------------------------|------------------------------------------------------------|---------------------------------------------------|---------------|---------------|
| Description                          |                                                            | Ambient Air Quality Monitoring                    |               |               |
| S.No.                                | Parameters                                                 | Method                                            | Specification | Result        |
| <b>Discipline : Chemical</b>         |                                                            |                                                   |               |               |
| <b>Group : Atmospheric Pollution</b> |                                                            |                                                   |               |               |
| <b>1.</b>                            | <b>Ambient Air Quality Parameters</b>                      |                                                   |               |               |
| a.                                   | Sulphur Dioxide(SO <sub>2</sub> ), µg/m <sup>3</sup>       | IS:5182(P-2)                                      | 80 Max        | 4.41          |
| b.                                   | Nitrogen Dioxide(NO <sub>2</sub> ), µg/m <sup>3</sup>      | IS:5182(P-6)                                      | 80 Max        | 8.10          |
| c.                                   | Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>  | IS:5182(P-23)                                     | 100 Max       | 81.39         |
| d.                                   | Particulate matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup> | STP/ITC/EW-01                                     | 60 Max        | 37.88         |
| e.                                   | Ozone(O <sub>3</sub> ), µg/m <sup>3</sup>                  | IS:5182(P-9)                                      | 180 Max       | BLQ (LOQ:14)  |
| f.                                   | Lead(As Pb), µg/m <sup>3</sup>                             | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max       | BLQ (LOQ:0.1) |
| g.                                   | Carbon Monoxide(CO), mg/m <sup>3</sup>                     | IS:5182(P-10)                                     | 4 Max         | BLQ (LOQ:1.0) |

  
Saurabh Sharma  
20-10-2021  
Reviewer

  
20-10-2021  
PremKumar  
[Authorized Signatory]

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## Test Report

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

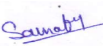
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | BLQ (LOQ:5.0) |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ (LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.05) |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ (LOQ:1.0) |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ (LOQ:1.0) |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per NAAQS 2009, Sampling Procedure - SOP/ITC/EW/056

**REMARKS :** N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
20-10-2021  
Reviewer

  
20-10-2021  
Prem Kumar  
[Authorized Signatory]

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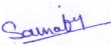
## Test Report

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Page 1 of 2

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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2110130476<br><b>Sample Reg. Date</b> :13-10-2021<br><b>Report Date</b> :20-10-2021<br><b>Report No.</b> :ICE-2110200732<br><b>NABL ULR No.</b> :TC592621000012108F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                                                                                                                                                                                                                                                                |                                                                                                                     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| <b>Test Report as per :</b>                                                                                                                                                                                                                                                                    | : NAAQS 2009                                                                                                        |
| <b>General Information :</b><br>Location of Sampling Point<br>Date of Monitoring<br>Time of Monitoring<br>Purpose of Monitoring<br>Duration of Monitoring, minutes<br>Avg. Flow Rate of Sampling, m <sup>3</sup> /min<br>Volume of air sampled, m <sup>3</sup><br>Avg. Ambient Temperature, °C | : Village- Khanpur<br>: 04-10-2021<br>: 10:30 hrs<br>: For Self Monitoring<br>: 1440<br>: 1.33<br>: 1816.05<br>: 33 |

| Description                          |                                                            |                                                   |               |               |
|--------------------------------------|------------------------------------------------------------|---------------------------------------------------|---------------|---------------|
| Description                          |                                                            | Ambient Air Quality Monitoring                    |               |               |
| S.No.                                | Parameters                                                 | Method                                            | Specification | Result        |
| <b>Discipline : Chemical</b>         |                                                            |                                                   |               |               |
| <b>Group : Atmospheric Pollution</b> |                                                            |                                                   |               |               |
| <b>1.</b>                            | <b>Ambient Air Quality Parameters</b>                      |                                                   |               |               |
| a.                                   | Sulphur Dioxide(SO <sub>2</sub> ), µg/m <sup>3</sup>       | IS:5182(P-2)                                      | 80 Max        | 18.27         |
| b.                                   | Nitrogen Dioxide(NO <sub>2</sub> ), µg/m <sup>3</sup>      | IS:5182(P-6)                                      | 80 Max        | 23.34         |
| c.                                   | Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>  | IS:5182(P-23)                                     | 100 Max       | 96.47         |
| d.                                   | Particulate matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup> | STP/ITC/EW-01                                     | 60 Max        | 54.29         |
| e.                                   | Ozone(O <sub>3</sub> ), µg/m <sup>3</sup>                  | IS:5182(P-9)                                      | 180 Max       | BLQ (LOQ:14)  |
| f.                                   | Lead(As Pb), µg/m <sup>3</sup>                             | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max       | BLQ (LOQ:0.1) |
| g.                                   | Carbon Monoxide(CO), mg/m <sup>3</sup>                     | IS:5182(P-10)                                     | 4 Max         | 1.3           |

  
Saurabh Sharma  
20-10-2021  
Reviewer

  
20-10-2021  
PremKumar  
[Authorized Signatory]

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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2110130476<br><b>Sample Reg. Date</b> :13-10-2021<br><b>Report Date</b> :20-10-2021<br><b>Report No.</b> :ICE-2110200732<br><b>NABL ULR No.</b> :TC592621000012108F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

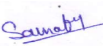
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | BLQ (LOQ:5.0) |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ (LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.05) |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ (LOQ:1.0) |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ (LOQ:1.0) |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per NAAQS 2009, Sampling Procedure - SOP/ITC/EW/056

**REMARKS :** N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
20-10-2021  
Reviewer

  
20-10-2021  
Prem Kumar  
[Authorized Signatory]

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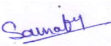
## Test Report

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2110130479<br><b>Sample Reg. Date</b> :13-10-2021<br><b>Report Date</b> :20-10-2021<br><b>Report No.</b> :ICE-2110200735<br><b>NABL ULR No.</b> :TC592621000012115F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                                                                                                                                                                                                                                                                |                                                                                                                   |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|
| <b>Test Report as per :</b>                                                                                                                                                                                                                                                                    | : NAAQS 2009                                                                                                      |
| <b>General Information :</b><br>Location of Sampling Point<br>Date of Monitoring<br>Time of Monitoring<br>Purpose of Monitoring<br>Duration of Monitoring, minutes<br>Avg. Flow Rate of Sampling, m <sup>3</sup> /min<br>Volume of air sampled, m <sup>3</sup><br>Avg. Ambient Temperature, °C | : Near Gate No.3<br>: 07-10-2021<br>: 11:00 hrs<br>: For Self Monitoring<br>: 1440<br>: 1.33<br>: 1810.13<br>: 34 |

| Description                          |                                                            |                                                   |               |               |
|--------------------------------------|------------------------------------------------------------|---------------------------------------------------|---------------|---------------|
| Description                          | Ambient Air Quality Monitoring                             |                                                   |               |               |
| S.No.                                | Parameters                                                 | Method                                            | Specification | Result        |
| <b>Discipline : Chemical</b>         |                                                            |                                                   |               |               |
| <b>Group : Atmospheric Pollution</b> |                                                            |                                                   |               |               |
| <b>1.</b>                            | <b>Ambient Air Quality Parameters</b>                      |                                                   |               |               |
| a.                                   | Sulphur Dioxide(SO <sub>2</sub> ), µg/m <sup>3</sup>       | IS:5182(P-2)                                      | 80 Max        | 16.43         |
| b.                                   | Nitrogen Dioxide(NO <sub>2</sub> ), µg/m <sup>3</sup>      | IS:5182(P-6)                                      | 80 Max        | 21.51         |
| c.                                   | Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>  | IS:5182(P-23)                                     | 100 Max       | 98.22         |
| d.                                   | Particulate matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup> | STP/ITC/EW-01                                     | 60 Max        | 55.13         |
| e.                                   | Ozone(O <sub>3</sub> ), µg/m <sup>3</sup>                  | IS:5182(P-9)                                      | 180 Max       | BLQ (LOQ:14)  |
| f.                                   | Lead(As Pb), µg/m <sup>3</sup>                             | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max       | BLQ (LOQ:0.1) |
| g.                                   | Carbon Monoxide(CO), mg/m <sup>3</sup>                     | IS:5182(P-10)                                     | 4 Max         | 1.1           |

  
Saurabh Sharma  
20-10-2021  
Reviewer

  
20-10-2021  
Prem Kumar  
[Authorized Signatory]

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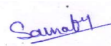
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | BLQ (LOQ:5.0) |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ (LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.05) |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ (LOQ:1.0) |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ (LOQ:1.0) |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per NAAQS 2009, Sampling Procedure - SOP/ITC/EW/056

**REMARKS :** N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
20-10-2021  
Reviewer

  
20-10-2021  
Prem Kumar  
[Authorized Signatory]

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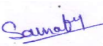
## Test Report

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2110130478<br><b>Sample Reg. Date</b> :13-10-2021<br><b>Report Date</b> :20-10-2021<br><b>Report No.</b> :ICE-2110200734<br><b>NABL ULR No.</b> :TC592621000012106F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                                                                                                                                                                                                                                                                |                                                                                                                     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| <b>Test Report as per :</b>                                                                                                                                                                                                                                                                    | : NAAQS 2009                                                                                                        |
| <b>General Information :</b><br>Location of Sampling Point<br>Date of Monitoring<br>Time of Monitoring<br>Purpose of Monitoring<br>Duration of Monitoring, minutes<br>Avg. Flow Rate of Sampling, m <sup>3</sup> /min<br>Volume of air sampled, m <sup>3</sup><br>Avg. Ambient Temperature, °C | : Near Guest House<br>: 07-10-2021<br>: 11:10 hrs<br>: For Self Monitoring<br>: 1440<br>: 1.33<br>: 1816.05<br>: 33 |

| Description                          |                                                            |                                                   |               |               |
|--------------------------------------|------------------------------------------------------------|---------------------------------------------------|---------------|---------------|
| Description                          |                                                            | Ambient Air Quality Monitoring                    |               |               |
| S.No.                                | Parameters                                                 | Method                                            | Specification | Result        |
| <b>Discipline : Chemical</b>         |                                                            |                                                   |               |               |
| <b>Group : Atmospheric Pollution</b> |                                                            |                                                   |               |               |
| <b>1.</b>                            | <b>Ambient Air Quality Parameters</b>                      |                                                   |               |               |
| a.                                   | Sulphur Dioxide(SO <sub>2</sub> ), µg/m <sup>3</sup>       | IS:5182(P-2)                                      | 80 Max        | 5.67          |
| b.                                   | Nitrogen Dioxide(NO <sub>2</sub> ), µg/m <sup>3</sup>      | IS:5182(P-6)                                      | 80 Max        | 9.53          |
| c.                                   | Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>  | IS:5182(P-23)                                     | 100 Max       | 78.25         |
| d.                                   | Particulate matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup> | STP/ITC/EW-01                                     | 60 Max        | 36.20         |
| e.                                   | Ozone(O <sub>3</sub> ), µg/m <sup>3</sup>                  | IS:5182(P-9)                                      | 180 Max       | BLQ (LOQ:14)  |
| f.                                   | Lead(As Pb), µg/m <sup>3</sup>                             | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max       | BLQ (LOQ:0.1) |
| g.                                   | Carbon Monoxide(CO), mg/m <sup>3</sup>                     | IS:5182(P-10)                                     | 4 Max         | BLQ (LOQ:1.0) |

  
Saurabh Sharma  
20-10-2021  
Reviewer

  
20-10-2021  
PremKumar  
[Authorized Signatory]

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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2110130478<br><b>Sample Reg. Date</b> :13-10-2021<br><b>Report Date</b> :20-10-2021<br><b>Report No.</b> :ICE-2110200734<br><b>NABL ULR No.</b> :TC592621000012106F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

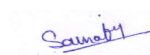
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | BLQ (LOQ:5.0) |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ (LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.05) |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ (LOQ:1.0) |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ (LOQ:1.0) |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per NAAQS 2009, Sampling Procedure - SOP/ITC/EW/056

**REMARKS :**N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
20-10-2021  
Reviewer

  
20-10-2021  
PremKumar  
[Authorized Signatory]

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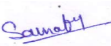
## Test Report

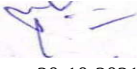
Document QF : 2501  
Page 1 of 2

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2110130480<br><b>Sample Reg. Date</b> :13-10-2021<br><b>Report Date</b> :20-10-2021<br><b>Report No.</b> :ICE-2110200736<br><b>NABL ULR No.</b> :TC592621000012102F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                                                                                                                                                                                                                                                                |                                                                                                                     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| <b>Test Report as per :</b>                                                                                                                                                                                                                                                                    | : NAAQS 2009                                                                                                        |
| <b>General Information :</b><br>Location of Sampling Point<br>Date of Monitoring<br>Time of Monitoring<br>Purpose of Monitoring<br>Duration of Monitoring, minutes<br>Avg. Flow Rate of Sampling, m <sup>3</sup> /min<br>Volume of air sampled, m <sup>3</sup><br>Avg. Ambient Temperature, °C | : Village- Khanpur<br>: 07-10-2021<br>: 10:30 hrs<br>: For Self Monitoring<br>: 1440<br>: 1.33<br>: 1816.05<br>: 33 |

| Description                          |                                                            |                                                   |               |               |
|--------------------------------------|------------------------------------------------------------|---------------------------------------------------|---------------|---------------|
| Description                          |                                                            | Ambient Air Quality Monitoring                    |               |               |
| S.No.                                | Parameters                                                 | Method                                            | Specification | Result        |
| <b>Discipline : Chemical</b>         |                                                            |                                                   |               |               |
| <b>Group : Atmospheric Pollution</b> |                                                            |                                                   |               |               |
| 1.                                   | <b>Ambient Air Quality Parameters</b>                      |                                                   |               |               |
| a.                                   | Sulphur Dioxide(SO <sub>2</sub> ), µg/m <sup>3</sup>       | IS:5182(P-2)                                      | 80 Max        | 14.49         |
| b.                                   | Nitrogen Dioxide(NO <sub>2</sub> ), µg/m <sup>3</sup>      | IS:5182(P-6)                                      | 80 Max        | 20.01         |
| c.                                   | Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>  | IS:5182(P-23)                                     | 100 Max       | 91.57         |
| d.                                   | Particulate matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup> | STP/ITC/EW-01                                     | 60 Max        | 50.08         |
| e.                                   | Ozone(O <sub>3</sub> ), µg/m <sup>3</sup>                  | IS:5182(P-9)                                      | 180 Max       | BLQ (LOQ:14)  |
| f.                                   | Lead(As Pb), µg/m <sup>3</sup>                             | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max       | BLQ (LOQ:0.1) |
| g.                                   | Carbon Monoxide(CO), mg/m <sup>3</sup>                     | IS:5182(P-10)                                     | 4 Max         | 1.2           |

  
Saurabh Sharma  
20-10-2021  
Reviewer

  
20-10-2021  
Prem Kumar  
[Authorized Signatory]

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## Test Report

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2110130480<br><b>Sample Reg. Date</b> :13-10-2021<br><b>Report Date</b> :20-10-2021<br><b>Report No.</b> :ICE-2110200736<br><b>NABL ULR No.</b> :TC592621000012102F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
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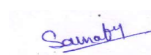
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | BLQ (LOQ:5.0) |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ (LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.05) |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ (LOQ:1.0) |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ (LOQ:1.0) |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per NAAQS 2009, Sampling Procedure - SOP/ITC/EW/056

**REMARKS :** N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
20-10-2021  
Reviewer

  
20-10-2021  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
Panchkula-134109 (Haryana)  
Phone : (O) 0172-2561543, 2565825  
Email : customersupport@itclabs.com  
Visit us : www.itclabs.com

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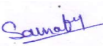
## Test Report

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Page 1 of 2

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2110130481<br><b>Sample Reg. Date</b> :13-10-2021<br><b>Report Date</b> :20-10-2021<br><b>Report No.</b> :ICE-2110200738<br><b>NABL ULR No.</b> :TC592621000012097F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                                                                                                                                                                                                                                                                |                                                                                                                      |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|
| <b>Test Report as per :</b>                                                                                                                                                                                                                                                                    | : NAAQS 2009                                                                                                         |
| <b>General Information :</b><br>Location of Sampling Point<br>Date of Monitoring<br>Time of Monitoring<br>Purpose of Monitoring<br>Duration of Monitoring, minutes<br>Avg. Flow Rate of Sampling, m <sup>3</sup> /min<br>Volume of air sampled, m <sup>3</sup><br>Avg. Ambient Temperature, °C | : Near Shakti Vihar<br>: 07-10-2021<br>: 11:30 hrs<br>: For Self Monitoring<br>: 1440<br>: 1.34<br>: 1829.70<br>: 33 |

| Description                          |                                                            |                                                   |               |               |
|--------------------------------------|------------------------------------------------------------|---------------------------------------------------|---------------|---------------|
| Description                          |                                                            | Ambient Air Quality Monitoring                    |               |               |
| S.No.                                | Parameters                                                 | Method                                            | Specification | Result        |
| <b>Discipline : Chemical</b>         |                                                            |                                                   |               |               |
| <b>Group : Atmospheric Pollution</b> |                                                            |                                                   |               |               |
| <b>1.</b>                            | <b>Ambient Air Quality Parameters</b>                      |                                                   |               |               |
| a.                                   | Sulphur Dioxide(SO <sub>2</sub> ), µg/m <sup>3</sup>       | IS:5182(P-2)                                      | 80 Max        | 7.56          |
| b.                                   | Nitrogen Dioxide(NO <sub>2</sub> ), µg/m <sup>3</sup>      | IS:5182(P-6)                                      | 80 Max        | 9.53          |
| c.                                   | Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>  | IS:5182(P-23)                                     | 100 Max       | 77.61         |
| d.                                   | Particulate matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup> | STP/ITC/EW-01                                     | 60 Max        | 34.51         |
| e.                                   | Ozone(O <sub>3</sub> ), µg/m <sup>3</sup>                  | IS:5182(P-9)                                      | 180 Max       | BLQ (LOQ:14)  |
| f.                                   | Lead(As Pb), µg/m <sup>3</sup>                             | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max       | BLQ (LOQ:0.1) |
| g.                                   | Carbon Monoxide(CO), mg/m <sup>3</sup>                     | IS:5182(P-10)                                     | 4 Max         | BLQ (LOQ:1.0) |

  
Saurabh Sharma  
20-10-2021  
Reviewer

  
20-10-2021  
Prem Kumar  
[Authorized Signatory]

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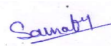
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | BLQ (LOQ:5.0) |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ (LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.05) |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ (LOQ:1.0) |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ (LOQ:1.0) |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per NAAQS 2009, Sampling Procedure - SOP/ITC/EW/056

**REMARKS :**N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
20-10-2021  
Reviewer

  
20-10-2021  
PremKumar  
[Authorized Signatory]

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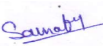
## Test Report

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|                                                     |                                               |
|-----------------------------------------------------|-----------------------------------------------|
| <b>Issued To</b>                                    | <b>Sample Reg. No.</b> :E01-2110160557        |
| Jhajjar Power Limited                               | <b>Sample Reg. Date</b> :16-10-2021           |
| Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar | <b>Report Date</b> :21-10-2021                |
| Jhajjar                                             | <b>Report No.</b> :ICE-2110210864             |
|                                                     | <b>NABL ULR No.</b> :TC592621000012227F       |
|                                                     | <b>Customer Ref. No.</b> :Order No.5030010814 |
|                                                     | <b>Letter Dated</b> :29.10.2020               |

|                                                 |                       |
|-------------------------------------------------|-----------------------|
| <b>Test Report as per :</b>                     | : NAAQS 2009          |
| <b>General Information :</b>                    |                       |
| Location of Sampling Point                      | : Near Gate No.3      |
| Date of Monitoring                              | : 11-10-2021          |
| Time of Monitoring                              | : 10:30 hrs           |
| Purpose of Monitoring                           | : For Self Monitoring |
| Duration of Monitoring, minutes                 | : 1440                |
| Avg. Flow Rate of Sampling, m <sup>3</sup> /min | : 1.33                |
| Volume of air sampled, m <sup>3</sup>           | : 1810.13             |
| Avg. Ambient Temperature, °C                    | : 34                  |

| Description |                                                            |                                                   |               |               |
|-------------|------------------------------------------------------------|---------------------------------------------------|---------------|---------------|
| Description |                                                            | Ambient Air Quality Monitoring                    |               |               |
| S.No.       | Parameters                                                 | Method                                            | Specification | Result        |
|             | <b>Discipline : Chemical</b>                               |                                                   |               |               |
|             | <b>Group : Atmospheric Pollution</b>                       |                                                   |               |               |
| <b>1.</b>   | <b>Ambient Air Quality Parameters</b>                      |                                                   |               |               |
| a.          | Sulphur Dioxide(SO <sub>2</sub> ), µg/m <sup>3</sup>       | IS:5182(P-2)                                      | 80 Max        | 16.43         |
| b.          | Nitrogen Dioxide(NO <sub>2</sub> ), µg/m <sup>3</sup>      | IS:5182(P-6)                                      | 80 Max        | 21.99         |
| c.          | Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>  | IS:5182(P-23)                                     | 100 Max       | 91.65         |
| d.          | Particulate matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup> | STP/ITC/EW-01                                     | 60 Max        | 52.61         |
| e.          | Ozone(O <sub>3</sub> ), µg/m <sup>3</sup>                  | IS:5182(P-9)                                      | 180 Max       | BLQ (LOQ:14)  |
| f.          | Lead(As Pb), µg/m <sup>3</sup>                             | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max       | BLQ (LOQ:0.1) |
| g.          | Carbon Monoxide(CO), mg/m <sup>3</sup>                     | IS:5182(P-10)                                     | 4 Max         | 1.1           |

  
Saurabh Sharma  
21-10-2021  
Reviewer

  
21-10-2021  
Prem Kumar  
[Authorized Signatory]

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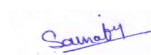
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | BLQ (LOQ:5.0) |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ (LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.05) |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ (LOQ:1.0) |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ (LOQ:1.0) |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per NAAQS 2009, Sampling Procedure - SOP/ITC/EW/056

**REMARKS :** N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
21-10-2021  
Reviewer

  
21-10-2021  
Prem Kumar  
[Authorized Signatory]

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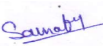
## Test Report

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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2110160556<br><b>Sample Reg. Date</b> :16-10-2021<br><b>Report Date</b> :21-10-2021<br><b>Report No.</b> :ICE-2110210865<br><b>NABL ULR No.</b> :TC592621000012220F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                                                                                                                                                                                                                                                                |                                                                                                                     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| <b>Test Report as per :</b>                                                                                                                                                                                                                                                                    | : NAAQS 2009                                                                                                        |
| <b>General Information :</b><br>Location of Sampling Point<br>Date of Monitoring<br>Time of Monitoring<br>Purpose of Monitoring<br>Duration of Monitoring, minutes<br>Avg. Flow Rate of Sampling, m <sup>3</sup> /min<br>Volume of air sampled, m <sup>3</sup><br>Avg. Ambient Temperature, °C | : Near Guest House<br>: 11-10-2021<br>: 10:50 hrs<br>: For Self Monitoring<br>: 1440<br>: 1.33<br>: 1784.14<br>: 33 |

| Description                          |                                                            |                                                   |               |               |
|--------------------------------------|------------------------------------------------------------|---------------------------------------------------|---------------|---------------|
| Description                          |                                                            | Ambient Air Quality Monitoring                    |               |               |
| S.No.                                | Parameters                                                 | Method                                            | Specification | Result        |
| <b>Discipline : Chemical</b>         |                                                            |                                                   |               |               |
| <b>Group : Atmospheric Pollution</b> |                                                            |                                                   |               |               |
| <b>1.</b>                            | <b>Ambient Air Quality Parameters</b>                      |                                                   |               |               |
| a.                                   | Sulphur Dioxide(SO <sub>2</sub> ), µg/m <sup>3</sup>       | IS:5182(P-2)                                      | 80 Max        | 5.77          |
| b.                                   | Nitrogen Dioxide(NO <sub>2</sub> ), µg/m <sup>3</sup>      | IS:5182(P-6)                                      | 80 Max        | 10.48         |
| c.                                   | Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>  | IS:5182(P-23)                                     | 100 Max       | 79.48         |
| d.                                   | Particulate matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup> | STP/ITC/EW-01                                     | 60 Max        | 36.20         |
| e.                                   | Ozone(O <sub>3</sub> ), µg/m <sup>3</sup>                  | IS:5182(P-9)                                      | 180 Max       | BLQ (LOQ:14)  |
| f.                                   | Lead(As Pb), µg/m <sup>3</sup>                             | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max       | BLQ (LOQ:0.1) |
| g.                                   | Carbon Monoxide(CO), mg/m <sup>3</sup>                     | IS:5182(P-10)                                     | 4 Max         | BLQ (LOQ:1.0) |

  
Saurabh Sharma  
21-10-2021  
Reviewer

  
21-10-2021  
PremKumar  
[Authorized Signatory]

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## Test Report

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2110160556<br><b>Sample Reg. Date</b> :16-10-2021<br><b>Report Date</b> :21-10-2021<br><b>Report No.</b> :ICE-2110210865<br><b>NABL ULR No.</b> :TC592621000012220F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

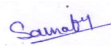
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | BLQ (LOQ:5.0) |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ (LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.05) |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ (LOQ:1.0) |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ (LOQ:1.0) |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per NAAQS 2009, Sampling Procedure - SOP/ITC/EW/056

**REMARKS :**N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
21-10-2021  
Reviewer

  
21-10-2021  
PremKumar  
[Authorized Signatory]

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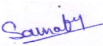
## Test Report

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Page 1 of 2

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2110160558<br><b>Sample Reg. Date</b> :16-10-2021<br><b>Report Date</b> :21-10-2021<br><b>Report No.</b> :ICE-2110210863<br><b>NABL ULR No.</b> :TC592621000012219F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                                                                                                                                                                                                                                                                |                                                                                                                     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| <b>Test Report as per :</b>                                                                                                                                                                                                                                                                    | : NAAQS 2009                                                                                                        |
| <b>General Information :</b><br>Location of Sampling Point<br>Date of Monitoring<br>Time of Monitoring<br>Purpose of Monitoring<br>Duration of Monitoring, minutes<br>Avg. Flow Rate of Sampling, m <sup>3</sup> /min<br>Volume of air sampled, m <sup>3</sup><br>Avg. Ambient Temperature, °C | : Village- Khanpur<br>: 11-10-2021<br>: 10:10 hrs<br>: For Self Monitoring<br>: 1440<br>: 1.33<br>: 1816.05<br>: 33 |

| Description                          |                                                            |                                                   |               |               |
|--------------------------------------|------------------------------------------------------------|---------------------------------------------------|---------------|---------------|
| Description                          | Ambient Air Quality Monitoring                             |                                                   |               |               |
| S.No.                                | Parameters                                                 | Method                                            | Specification | Result        |
| <b>Discipline : Chemical</b>         |                                                            |                                                   |               |               |
| <b>Group : Atmospheric Pollution</b> |                                                            |                                                   |               |               |
| <b>1.</b>                            | <b>Ambient Air Quality Parameters</b>                      |                                                   |               |               |
| a.                                   | Sulphur Dioxide(SO <sub>2</sub> ), µg/m <sup>3</sup>       | IS:5182(P-2)                                      | 80 Max        | 15.73         |
| b.                                   | Nitrogen Dioxide(NO <sub>2</sub> ), µg/m <sup>3</sup>      | IS:5182(P-6)                                      | 80 Max        | 20.48         |
| c.                                   | Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>  | IS:5182(P-23)                                     | 100 Max       | 95.92         |
| d.                                   | Particulate matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup> | STP/ITC/EW-01                                     | 60 Max        | 53.45         |
| e.                                   | Ozone(O <sub>3</sub> ), µg/m <sup>3</sup>                  | IS:5182(P-9)                                      | 180 Max       | BLQ (LOQ:14)  |
| f.                                   | Lead(As Pb), µg/m <sup>3</sup>                             | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max       | BLQ (LOQ:0.1) |
| g.                                   | Carbon Monoxide(CO), mg/m <sup>3</sup>                     | IS:5182(P-10)                                     | 4 Max         | 1.2           |

  
Saurabh Sharma  
21-10-2021  
Reviewer

  
21-10-2021  
PremKumar  
[Authorized Signatory]

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## Test Report

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2110160558<br><b>Sample Reg. Date</b> :16-10-2021<br><b>Report Date</b> :21-10-2021<br><b>Report No.</b> :ICE-2110210863<br><b>NABL ULR No.</b> :TC592621000012219F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

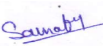
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | BLQ (LOQ:5.0) |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ (LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.05) |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ (LOQ:1.0) |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ (LOQ:1.0) |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per NAAQS 2009, Sampling Procedure - SOP/ITC/EW/056

**REMARKS :** N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
21-10-2021  
Reviewer

  
21-10-2021  
Prem Kumar  
[Authorized Signatory]

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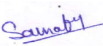
## Test Report

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Page 1 of 2

|                                                     |                                               |
|-----------------------------------------------------|-----------------------------------------------|
| <b>Issued To</b>                                    | <b>Sample Reg. No.</b> :E01-2110160559        |
| Jhajjar Power Limited                               | <b>Sample Reg. Date</b> :16-10-2021           |
| Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar | <b>Report Date</b> :21-10-2021                |
| Jhajjar                                             | <b>Report No.</b> :ICE-2110210862             |
|                                                     | <b>NABL ULR No.</b> :TC592621000012226F       |
|                                                     | <b>Customer Ref. No.</b> :Order No.5030010814 |
|                                                     | <b>Letter Dated</b> :29.10.2020               |

|                                                 |                       |
|-------------------------------------------------|-----------------------|
| <b>Test Report as per :</b>                     | : NAAQS 2009          |
| <b>General Information :</b>                    |                       |
| Location of Sampling Point                      | : Near Shakti Vihar   |
| Date of Monitoring                              | : 11-10-2021          |
| Time of Monitoring                              | : 11:10 hrs           |
| Purpose of Monitoring                           | : For Self Monitoring |
| Duration of Monitoring, minutes                 | : 1440                |
| Avg. Flow Rate of Sampling, m <sup>3</sup> /min | : 1.34                |
| Volume of air sampled, m <sup>3</sup>           | : 1829.70             |
| Avg. Ambient Temperature, °C                    | : 33                  |

| Description |                                                            |                                                   |               |               |
|-------------|------------------------------------------------------------|---------------------------------------------------|---------------|---------------|
| Description |                                                            | Ambient Air Quality Monitoring                    |               |               |
| S.No.       | Parameters                                                 | Method                                            | Specification | Result        |
|             | <b>Discipline : Chemical</b>                               |                                                   |               |               |
|             | <b>Group : Atmospheric Pollution</b>                       |                                                   |               |               |
| <b>1.</b>   | <b>Ambient Air Quality Parameters</b>                      |                                                   |               |               |
| a.          | Sulphur Dioxide(SO <sub>2</sub> ), µg/m <sup>3</sup>       | IS:5182(P-2)                                      | 80 Max        | 5.67          |
| b.          | Nitrogen Dioxide(NO <sub>2</sub> ), µg/m <sup>3</sup>      | IS:5182(P-6)                                      | 80 Max        | 8.58          |
| c.          | Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>  | IS:5182(P-23)                                     | 100 Max       | 81.38         |
| d.          | Particulate matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup> | STP/ITC/EW-01                                     | 60 Max        | 37.88         |
| e.          | Ozone(O <sub>3</sub> ), µg/m <sup>3</sup>                  | IS:5182(P-9)                                      | 180 Max       | BLQ (LOQ:14)  |
| f.          | Lead(As Pb), µg/m <sup>3</sup>                             | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max       | BLQ (LOQ:0.1) |
| g.          | Carbon Monoxide(CO), mg/m <sup>3</sup>                     | IS:5182(P-10)                                     | 4 Max         | BLQ (LOQ:1.0) |

  
Saurabh Sharma  
21-10-2021  
Reviewer

  
21-10-2021  
Prem Kumar  
[Authorized Signatory]

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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2110160559<br><b>Sample Reg. Date</b> :16-10-2021<br><b>Report Date</b> :21-10-2021<br><b>Report No.</b> :ICE-2110210862<br><b>NABL ULR No.</b> :TC592621000012226F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

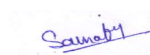
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | BLQ (LOQ:5.0) |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ (LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.05) |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ (LOQ:1.0) |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ (LOQ:1.0) |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per NAAQS 2009, Sampling Procedure - SOP/ITC/EW/056

**REMARKS :** N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
21-10-2021  
Reviewer

  
21-10-2021  
Prem Kumar  
[Authorized Signatory]

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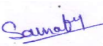
## Test Report

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|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2110160563<br><b>Sample Reg. Date</b> :16-10-2021<br><b>Report Date</b> :21-10-2021<br><b>Report No.</b> :ICE-2110210858<br><b>NABL ULR No.</b> :TC592621000012218F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                                                                                                                                                                                                                                                                |                                                                                                                      |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|
| <b>Test Report as per :</b>                                                                                                                                                                                                                                                                    | : NAAQS 2009                                                                                                         |
| <b>General Information :</b><br>Location of Sampling Point<br>Date of Monitoring<br>Time of Monitoring<br>Purpose of Monitoring<br>Duration of Monitoring, minutes<br>Avg. Flow Rate of Sampling, m <sup>3</sup> /min<br>Volume of air sampled, m <sup>3</sup><br>Avg. Ambient Temperature, °C | : Near Shakti Vihar<br>: 14-10-2021<br>: 10:55 hrs<br>: For Self Monitoring<br>: 1440<br>: 1.34<br>: 1829.70<br>: 33 |

| Description                          |                                                            |                                                   |               |               |
|--------------------------------------|------------------------------------------------------------|---------------------------------------------------|---------------|---------------|
| Description                          |                                                            | Ambient Air Quality Monitoring                    |               |               |
| S.No.                                | Parameters                                                 | Method                                            | Specification | Result        |
| <b>Discipline : Chemical</b>         |                                                            |                                                   |               |               |
| <b>Group : Atmospheric Pollution</b> |                                                            |                                                   |               |               |
| <b>1.</b>                            | <b>Ambient Air Quality Parameters</b>                      |                                                   |               |               |
| a.                                   | Sulphur Dioxide(SO <sub>2</sub> ), µg/m <sup>3</sup>       | IS:5182(P-2)                                      | 80 Max        | 8.19          |
| b.                                   | Nitrogen Dioxide(NO <sub>2</sub> ), µg/m <sup>3</sup>      | IS:5182(P-6)                                      | 80 Max        | 11.91         |
| c.                                   | Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>  | IS:5182(P-23)                                     | 100 Max       | 83.57         |
| d.                                   | Particulate matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup> | STP/ITC/EW-01                                     | 60 Max        | 40.40         |
| e.                                   | Ozone(O <sub>3</sub> ), µg/m <sup>3</sup>                  | IS:5182(P-9)                                      | 180 Max       | BLQ (LOQ:14)  |
| f.                                   | Lead(As Pb), µg/m <sup>3</sup>                             | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max       | BLQ (LOQ:0.1) |
| g.                                   | Carbon Monoxide(CO), mg/m <sup>3</sup>                     | IS:5182(P-10)                                     | 4 Max         | BLQ (LOQ:1.0) |

  
Saurabh Sharma  
21-10-2021  
Reviewer

  
21-10-2021  
Prem Kumar  
[Authorized Signatory]

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|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2110160563<br><b>Sample Reg. Date</b> :16-10-2021<br><b>Report Date</b> :21-10-2021<br><b>Report No.</b> :ICE-2110210858<br><b>NABL ULR No.</b> :TC592621000012218F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

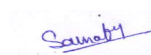
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | BLQ (LOQ:5.0) |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ (LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.05) |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ (LOQ:1.0) |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ (LOQ:1.0) |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per NAAQS 2009, Sampling Procedure - SOP/ITC/EW/056

**REMARKS :** N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
21-10-2021  
Reviewer

  
21-10-2021  
Prem Kumar  
[Authorized Signatory]

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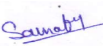
## Test Report

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|                                                     |                                               |
|-----------------------------------------------------|-----------------------------------------------|
| <b>Issued To</b>                                    | <b>Sample Reg. No.</b> :E01-2110160561        |
| Jhajjar Power Limited                               | <b>Sample Reg. Date</b> :16-10-2021           |
| Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar | <b>Report Date</b> :21-10-2021                |
| Jhajjar                                             | <b>Report No.</b> :ICE-2110210860             |
|                                                     | <b>NABL ULR No.</b> :TC592621000012214F       |
|                                                     | <b>Customer Ref. No.</b> :Order No.5030010814 |
|                                                     | <b>Letter Dated</b> :29.10.2020               |

|                                                 |                       |
|-------------------------------------------------|-----------------------|
| <b>Test Report as per :</b>                     | : NAAQS 2009          |
| <b>General Information :</b>                    |                       |
| Location of Sampling Point                      | : Near Gate No.3      |
| Date of Monitoring                              | : 14-10-2021          |
| Time of Monitoring                              | : 10:30 hrs           |
| Purpose of Monitoring                           | : For Self Monitoring |
| Duration of Monitoring, minutes                 | : 1440                |
| Avg. Flow Rate of Sampling, m <sup>3</sup> /min | : 1.34                |
| Volume of air sampled, m <sup>3</sup>           | : 1829.70             |
| Avg. Ambient Temperature, °C                    | : 33                  |

| Description |                                                            |                                                   |               |               |
|-------------|------------------------------------------------------------|---------------------------------------------------|---------------|---------------|
| Description |                                                            | Ambient Air Quality Monitoring                    |               |               |
| S.No.       | Parameters                                                 | Method                                            | Specification | Result        |
|             | <b>Discipline : Chemical</b>                               |                                                   |               |               |
|             | <b>Group : Atmospheric Pollution</b>                       |                                                   |               |               |
| <b>1.</b>   | <b>Ambient Air Quality Parameters</b>                      |                                                   |               |               |
| a.          | Sulphur Dioxide(SO <sub>2</sub> ), µg/m <sup>3</sup>       | IS:5182(P-2)                                      | 80 Max        | 13.23         |
| b.          | Nitrogen Dioxide(NO <sub>2</sub> ), µg/m <sup>3</sup>      | IS:5182(P-6)                                      | 80 Max        | 19.53         |
| c.          | Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>  | IS:5182(P-23)                                     | 100 Max       | 94.22         |
| d.          | Particulate matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup> | STP/ITC/EW-01                                     | 60 Max        | 50.08         |
| e.          | Ozone(O <sub>3</sub> ), µg/m <sup>3</sup>                  | IS:5182(P-9)                                      | 180 Max       | BLQ (LOQ:14)  |
| f.          | Lead(As Pb), µg/m <sup>3</sup>                             | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max       | BLQ (LOQ:0.1) |
| g.          | Carbon Monoxide(CO), mg/m <sup>3</sup>                     | IS:5182(P-10)                                     | 4 Max         | 1.3           |

  
Saurabh Sharma  
21-10-2021  
Reviewer

  
21-10-2021  
PremKumar  
[Authorized Signatory]

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## Test Report

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2110160561<br><b>Sample Reg. Date</b> :16-10-2021<br><b>Report Date</b> :21-10-2021<br><b>Report No.</b> :ICE-2110210860<br><b>NABL ULR No.</b> :TC592621000012214F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

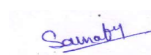
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | BLQ (LOQ:5.0) |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ (LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.05) |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ (LOQ:1.0) |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ (LOQ:1.0) |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per NAAQS 2009, Sampling Procedure - SOP/ITC/EW/056

**REMARKS :** N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
21-10-2021  
Reviewer

  
21-10-2021  
Prem Kumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
Panchkula-134109 (Haryana)  
Phone : (O) 0172-2561543, 2565825  
Email : customersupport@itclabs.com  
Visit us : www.itclabs.com

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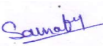
## Test Report

Document QF : 2501  
Page 1 of 2

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|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2110160560<br><b>Sample Reg. Date</b> :16-10-2021<br><b>Report Date</b> :21-10-2021<br><b>Report No.</b> :ICE-2110210861<br><b>NABL ULR No.</b> :TC592621000012217F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                                                                                                                                                                                                                                                                |                                                                                                                     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| <b>Test Report as per :</b>                                                                                                                                                                                                                                                                    | : NAAQS 2009                                                                                                        |
| <b>General Information :</b><br>Location of Sampling Point<br>Date of Monitoring<br>Time of Monitoring<br>Purpose of Monitoring<br>Duration of Monitoring, minutes<br>Avg. Flow Rate of Sampling, m <sup>3</sup> /min<br>Volume of air sampled, m <sup>3</sup><br>Avg. Ambient Temperature, °C | : Near Guest House<br>: 14-10-2021<br>: 10:40 hrs<br>: For Self Monitoring<br>: 1440<br>: 1.33<br>: 1795.88<br>: 31 |

| Description                          |                                                            |                                                   |               |               |
|--------------------------------------|------------------------------------------------------------|---------------------------------------------------|---------------|---------------|
| Description                          |                                                            | Ambient Air Quality Monitoring                    |               |               |
| S.No.                                | Parameters                                                 | Method                                            | Specification | Result        |
| <b>Discipline : Chemical</b>         |                                                            |                                                   |               |               |
| <b>Group : Atmospheric Pollution</b> |                                                            |                                                   |               |               |
| <b>1.</b>                            | <b>Ambient Air Quality Parameters</b>                      |                                                   |               |               |
| a.                                   | Sulphur Dioxide(SO <sub>2</sub> ), μg/m <sup>3</sup>       | IS:5182(P-2)                                      | 80 Max        | 9.56          |
| b.                                   | Nitrogen Dioxide(NO <sub>2</sub> ), μg/m <sup>3</sup>      | IS:5182(P-6)                                      | 80 Max        | 11.08         |
| c.                                   | Particulate Matter (PM <sub>10</sub> ), μg/m <sup>3</sup>  | IS:5182(P-23)                                     | 100 Max       | 91.77         |
| d.                                   | Particulate matter (PM <sub>2.5</sub> ), μg/m <sup>3</sup> | STP/ITC/EW-01                                     | 60 Max        | 39.14         |
| e.                                   | Ozone(O <sub>3</sub> ), μg/m <sup>3</sup>                  | IS:5182(P-9)                                      | 180 Max       | BLQ (LOQ:14)  |
| f.                                   | Lead(As Pb), μg/m <sup>3</sup>                             | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max       | BLQ (LOQ:0.1) |
| g.                                   | Carbon Monoxide(CO), mg/m <sup>3</sup>                     | IS:5182(P-10)                                     | 4 Max         | BLQ (LOQ:1.0) |

  
Saurabh Sharma  
21-10-2021  
Reviewer

  
21-10-2021  
PremKumar  
[Authorized Signatory]

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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2110160560<br><b>Sample Reg. Date</b> :16-10-2021<br><b>Report Date</b> :21-10-2021<br><b>Report No.</b> :ICE-2110210861<br><b>NABL ULR No.</b> :TC592621000012217F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

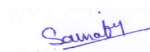
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | BLQ (LOQ:5.0) |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ (LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.05) |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ (LOQ:1.0) |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ (LOQ:1.0) |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per NAAQS 2009, Sampling Procedure - SOP/ITC/EW/056

**REMARKS :** N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
21-10-2021  
Reviewer

  
21-10-2021  
PremKumar  
[Authorized Signatory]

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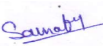
## Test Report

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Page 1 of 2

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2110160562<br><b>Sample Reg. Date</b> :16-10-2021<br><b>Report Date</b> :21-10-2021<br><b>Report No.</b> :ICE-2110210859<br><b>NABL ULR No.</b> :TC592621000012215F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                                                                                                                                                                                                                                                                |                                                                                                                     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| <b>Test Report as per :</b>                                                                                                                                                                                                                                                                    | : NAAQS 2009                                                                                                        |
| <b>General Information :</b><br>Location of Sampling Point<br>Date of Monitoring<br>Time of Monitoring<br>Purpose of Monitoring<br>Duration of Monitoring, minutes<br>Avg. Flow Rate of Sampling, m <sup>3</sup> /min<br>Volume of air sampled, m <sup>3</sup><br>Avg. Ambient Temperature, °C | : Village- Khanpur<br>: 14-10-2021<br>: 10:20 hrs<br>: For Self Monitoring<br>: 1440<br>: 1.33<br>: 1810.13<br>: 34 |

| Description                          |                                                            |                                                   |               |               |
|--------------------------------------|------------------------------------------------------------|---------------------------------------------------|---------------|---------------|
| Description                          | Ambient Air Quality Monitoring                             |                                                   |               |               |
| S.No.                                | Parameters                                                 | Method                                            | Specification | Result        |
| <b>Discipline : Chemical</b>         |                                                            |                                                   |               |               |
| <b>Group : Atmospheric Pollution</b> |                                                            |                                                   |               |               |
| <b>1.</b>                            | <b>Ambient Air Quality Parameters</b>                      |                                                   |               |               |
| a.                                   | Sulphur Dioxide(SO <sub>2</sub> ), µg/m <sup>3</sup>       | IS:5182(P-2)                                      | 80 Max        | 12.64         |
| b.                                   | Nitrogen Dioxide(NO <sub>2</sub> ), µg/m <sup>3</sup>      | IS:5182(P-6)                                      | 80 Max        | 17.68         |
| c.                                   | Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>  | IS:5182(P-23)                                     | 100 Max       | 90.32         |
| d.                                   | Particulate matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup> | STP/ITC/EW-01                                     | 60 Max        | 48.40         |
| e.                                   | Ozone(O <sub>3</sub> ), µg/m <sup>3</sup>                  | IS:5182(P-9)                                      | 180 Max       | BLQ (LOQ:14)  |
| f.                                   | Lead(As Pb), µg/m <sup>3</sup>                             | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max       | BLQ (LOQ:0.1) |
| g.                                   | Carbon Monoxide(CO), mg/m <sup>3</sup>                     | IS:5182(P-10)                                     | 4 Max         | 1.2           |

  
Saurabh Sharma  
21-10-2021  
Reviewer

  
21-10-2021  
Prem Kumar  
[Authorized Signatory]

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|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

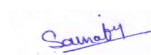
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | BLQ (LOQ:5.0) |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ (LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.05) |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ (LOQ:1.0) |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ (LOQ:1.0) |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per NAAQS 2009, Sampling Procedure - SOP/ITC/EW/056

**REMARKS :**N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
21-10-2021  
Reviewer

  
21-10-2021  
PremKumar  
[Authorized Signatory]

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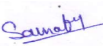
## Test Report

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Page 1 of 2

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2110270974<br><b>Sample Reg. Date</b> :27-10-2021<br><b>Report Date</b> :09-11-2021<br><b>Report No.</b> :ICE-2111090207<br><b>NABL ULR No.</b> :TC592621000013054F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                                                                                                                                                                                                                                                                |                                                                                                                   |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|
| <b>Test Report as per :</b>                                                                                                                                                                                                                                                                    | : NAAQS 2009                                                                                                      |
| <b>General Information :</b><br>Location of Sampling Point<br>Date of Monitoring<br>Time of Monitoring<br>Purpose of Monitoring<br>Duration of Monitoring, minutes<br>Avg. Flow Rate of Sampling, m <sup>3</sup> /min<br>Volume of air sampled, m <sup>3</sup><br>Avg. Ambient Temperature, °C | : Near Gate No.3<br>: 18-10-2021<br>: 10:50 hrs<br>: For Self Monitoring<br>: 1440<br>: 1.33<br>: 1834.03<br>: 30 |

| Description                          |                                                            |                                                   |               |              |
|--------------------------------------|------------------------------------------------------------|---------------------------------------------------|---------------|--------------|
| Description                          | Ambient Air Quality Monitoring                             |                                                   |               |              |
| S.No.                                | Parameters                                                 | Method                                            | Specification | Result       |
| <b>Discipline : Chemical</b>         |                                                            |                                                   |               |              |
| <b>Group : Atmospheric Pollution</b> |                                                            |                                                   |               |              |
| <b>1.</b>                            | <b>Ambient Air Quality Parameters</b>                      |                                                   |               |              |
| a.                                   | Sulphur Dioxide(SO <sub>2</sub> ), µg/m <sup>3</sup>       | IS:5182(P-2)                                      | 80 Max        | 16.22        |
| b.                                   | Nitrogen Dioxide(NO <sub>2</sub> ), µg/m <sup>3</sup>      | IS:5182(P-6)                                      | 80 Max        | 31.89        |
| c.                                   | Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>  | IS:5182(P-23)                                     | 100 Max       | 105.69       |
| d.                                   | Particulate matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup> | STP/ITC/EW-01                                     | 60 Max        | 53.87        |
| e.                                   | Ozone(O <sub>3</sub> ), µg/m <sup>3</sup>                  | IS:5182(P-9)                                      | 180 Max       | BLQ (LOQ:14) |
| f.                                   | Lead(As Pb), µg/m <sup>3</sup>                             | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max       | BLQ(LOQ:0.1) |
| g.                                   | Carbon Monoxide(CO), mg/m <sup>3</sup>                     | IS:5182(P-10)                                     | 4 Max         | 1.5          |

  
Saurabh Sharma  
09-11-2021  
Reviewer

  
09-11-2021  
Prem Kumar  
[Authorized Signatory]

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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2110270974<br><b>Sample Reg. Date</b> :27-10-2021<br><b>Report Date</b> :09-11-2021<br><b>Report No.</b> :ICE-2111090207<br><b>NABL ULR No.</b> :TC592621000013054F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

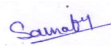
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | BLQ (LOQ:5.0) |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ (LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per NAAQS 2009, Sampling Procedure - SOP/ITC/EW/056

**REMARKS :**N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
09-11-2021  
Reviewer

  
09-11-2021  
PremKumar  
[Authorized Signatory]

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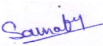
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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2110270975<br><b>Sample Reg. Date</b> :27-10-2021<br><b>Report Date</b> :09-11-2021<br><b>Report No.</b> :ICE-2111090208<br><b>NABL ULR No.</b> :TC592621000013059F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
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|                                                                                                                                                                                                                                                                                                |                                                                                                                    |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|
| <b>Test Report as per :</b>                                                                                                                                                                                                                                                                    | : NAAQS 2009                                                                                                       |
| <b>General Information :</b><br>Location of Sampling Point<br>Date of Monitoring<br>Time of Monitoring<br>Purpose of Monitoring<br>Duration of Monitoring, minutes<br>Avg. Flow Rate of Sampling, m <sup>3</sup> /min<br>Volume of air sampled, m <sup>3</sup><br>Avg. Ambient Temperature, °C | : Village-Khanpur<br>: 18-10-2021<br>: 10:30 hrs<br>: For Self Monitoring<br>: 1440<br>: 1.33<br>: 1840.10<br>: 29 |

| Description                          |                                                            |                                                   |               |              |
|--------------------------------------|------------------------------------------------------------|---------------------------------------------------|---------------|--------------|
| Description                          | Ambient Air Quality Monitoring                             |                                                   |               |              |
| S.No.                                | Parameters                                                 | Method                                            | Specification | Result       |
| <b>Discipline : Chemical</b>         |                                                            |                                                   |               |              |
| <b>Group : Atmospheric Pollution</b> |                                                            |                                                   |               |              |
| <b>1.</b>                            | <b>Ambient Air Quality Parameters</b>                      |                                                   |               |              |
| a.                                   | Sulphur Dioxide(SO <sub>2</sub> ), µg/m <sup>3</sup>       | IS:5182(P-2)                                      | 80 Max        | 19.90        |
| b.                                   | Nitrogen Dioxide(NO <sub>2</sub> ), µg/m <sup>3</sup>      | IS:5182(P-6)                                      | 80 Max        | 42.21        |
| c.                                   | Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>  | IS:5182(P-23)                                     | 100 Max       | 110.58       |
| d.                                   | Particulate matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup> | STP/ITC/EW-01                                     | 60 Max        | 57.91        |
| e.                                   | Ozone(O <sub>3</sub> ), µg/m <sup>3</sup>                  | IS:5182(P-9)                                      | 180 Max       | BLQ (LOQ:14) |
| f.                                   | Lead(As Pb), µg/m <sup>3</sup>                             | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max       | BLQ(LOQ:0.1) |
| g.                                   | Carbon Monoxide(CO), mg/m <sup>3</sup>                     | IS:5182(P-10)                                     | 4 Max         | 1.2          |

  
Saurabh Sharma  
09-11-2021  
Reviewer

  
09-11-2021  
Prem Kumar  
[Authorized Signatory]

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## Test Report

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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2110270975<br><b>Sample Reg. Date</b> :27-10-2021<br><b>Report Date</b> :09-11-2021<br><b>Report No.</b> :ICE-2111090208<br><b>NABL ULR No.</b> :TC592621000013059F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
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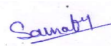
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | BLQ (LOQ:5.0) |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ (LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per NAAQS 2009, Sampling Procedure - SOP/ITC/EW/056

**REMARKS :** N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
09-11-2021  
Reviewer

  
09-11-2021  
PremKumar  
[Authorized Signatory]

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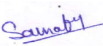
## Test Report

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Page 1 of 2

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|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2110270976<br><b>Sample Reg. Date</b> :27-10-2021<br><b>Report Date</b> :09-11-2021<br><b>Report No.</b> :ICE-2111090209<br><b>NABL ULR No.</b> :TC592621000013057F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                                                                                                                                                                                                                                                                |                                                                                                                      |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|
| <b>Test Report as per :</b>                                                                                                                                                                                                                                                                    | : NAAQS 2009                                                                                                         |
| <b>General Information :</b><br>Location of Sampling Point<br>Date of Monitoring<br>Time of Monitoring<br>Purpose of Monitoring<br>Duration of Monitoring, minutes<br>Avg. Flow Rate of Sampling, m <sup>3</sup> /min<br>Volume of air sampled, m <sup>3</sup><br>Avg. Ambient Temperature, °C | : Near Shakti Vihar<br>: 18-10-2021<br>: 11:20 hrs<br>: For Self Monitoring<br>: 1440<br>: 1.33<br>: 1834.03<br>: 30 |

| Description                          |                                                            |                                                   |               |               |
|--------------------------------------|------------------------------------------------------------|---------------------------------------------------|---------------|---------------|
| Description                          | Ambient Air Quality Monitoring                             |                                                   |               |               |
| S.No.                                | Parameters                                                 | Method                                            | Specification | Result        |
| <b>Discipline : Chemical</b>         |                                                            |                                                   |               |               |
| <b>Group : Atmospheric Pollution</b> |                                                            |                                                   |               |               |
| <b>1.</b>                            | <b>Ambient Air Quality Parameters</b>                      |                                                   |               |               |
| a.                                   | Sulphur Dioxide(SO <sub>2</sub> ), µg/m <sup>3</sup>       | IS:5182(P-2)                                      | 80 Max        | 13.10         |
| b.                                   | Nitrogen Dioxide(NO <sub>2</sub> ), µg/m <sup>3</sup>      | IS:5182(P-6)                                      | 80 Max        | 21.92         |
| c.                                   | Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>  | IS:5182(P-23)                                     | 100 Max       | 89.24         |
| d.                                   | Particulate matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup> | STP/ITC/EW-01                                     | 60 Max        | 46.36         |
| e.                                   | Ozone(O <sub>3</sub> ), µg/m <sup>3</sup>                  | IS:5182(P-9)                                      | 180 Max       | BLQ (LOQ:14)  |
| f.                                   | Lead(As Pb), µg/m <sup>3</sup>                             | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max       | BLQ(LOQ:0.1)  |
| g.                                   | Carbon Monoxide(CO), mg/m <sup>3</sup>                     | IS:5182(P-10)                                     | 4 Max         | BLQ (LOQ:1.0) |

  
Saurabh Sharma  
09-11-2021  
Reviewer

  
09-11-2021  
Prem Kumar  
[Authorized Signatory]

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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2110270976<br><b>Sample Reg. Date</b> :27-10-2021<br><b>Report Date</b> :09-11-2021<br><b>Report No.</b> :ICE-2111090209<br><b>NABL ULR No.</b> :TC592621000013057F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
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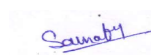
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | BLQ (LOQ:5.0) |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ (LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per NAAQS 2009, Sampling Procedure - SOP/ITC/EW/056

**REMARKS :**N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
09-11-2021  
Reviewer

  
09-11-2021  
PremKumar  
[Authorized Signatory]

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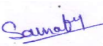
## Test Report

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2110270973<br><b>Sample Reg. Date</b> :27-10-2021<br><b>Report Date</b> :09-11-2021<br><b>Report No.</b> :ICE-2111090213<br><b>NABL ULR No.</b> :TC592621000013055F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                                                                                                                                                                                                                                                                |                                                                                                                     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| <b>Test Report as per :</b>                                                                                                                                                                                                                                                                    | : NAAQS 2009                                                                                                        |
| <b>General Information :</b><br>Location of Sampling Point<br>Date of Monitoring<br>Time of Monitoring<br>Purpose of Monitoring<br>Duration of Monitoring, minutes<br>Avg. Flow Rate of Sampling, m <sup>3</sup> /min<br>Volume of air sampled, m <sup>3</sup><br>Avg. Ambient Temperature, °C | : Near Guest House<br>: 18-10-2021<br>: 11:00 hrs<br>: For Self Monitoring<br>: 1440<br>: 1.34<br>: 1847.82<br>: 30 |

| Description                          |                                                            |                                                   |               |               |
|--------------------------------------|------------------------------------------------------------|---------------------------------------------------|---------------|---------------|
| Description                          |                                                            | Ambient Air Quality Monitoring                    |               |               |
| S.No.                                | Parameters                                                 | Method                                            | Specification | Result        |
| <b>Discipline : Chemical</b>         |                                                            |                                                   |               |               |
| <b>Group : Atmospheric Pollution</b> |                                                            |                                                   |               |               |
| <b>1.</b>                            | <b>Ambient Air Quality Parameters</b>                      |                                                   |               |               |
| a.                                   | Sulphur Dioxide(SO <sub>2</sub> ), µg/m <sup>3</sup>       | IS:5182(P-2)                                      | 80 Max        | 14.97         |
| b.                                   | Nitrogen Dioxide(NO <sub>2</sub> ), µg/m <sup>3</sup>      | IS:5182(P-6)                                      | 80 Max        | 23.92         |
| c.                                   | Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>  | IS:5182(P-23)                                     | 100 Max       | 95.85         |
| d.                                   | Particulate matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup> | STP/ITC/EW-01                                     | 60 Max        | 50.78         |
| e.                                   | Ozone(O <sub>3</sub> ), µg/m <sup>3</sup>                  | IS:5182(P-9)                                      | 180 Max       | BLQ (LOQ:14)  |
| f.                                   | Lead(As Pb), µg/m <sup>3</sup>                             | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max       | BLQ(LOQ:0.1)  |
| g.                                   | Carbon Monoxide(CO), mg/m <sup>3</sup>                     | IS:5182(P-10)                                     | 4 Max         | BLQ (LOQ:1.0) |

  
Saurabh Sharma  
09-11-2021  
Reviewer

  
09-11-2021  
PremKumar  
[Authorized Signatory]

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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2110270973<br><b>Sample Reg. Date</b> :27-10-2021<br><b>Report Date</b> :09-11-2021<br><b>Report No.</b> :ICE-2111090213<br><b>NABL ULR No.</b> :TC592621000013055F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
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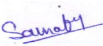
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | BLQ (LOQ:5.0) |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ (LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per NAAQS 2009, Sampling Procedure - SOP/ITC/EW/056

**REMARKS :** N/A

**\*\*\*\*\*End Of Report\*\*\*\*\***

  
Saurabh Sharma  
09-11-2021  
Reviewer

  
09-11-2021  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
Panchkula-134109 (Haryana)  
Phone : (O) 0172-2561543, 2565825  
Email : customersupport@itclabs.com  
Visit us : www.itclabs.com

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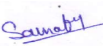
## Test Report

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|                                                     |                                               |
|-----------------------------------------------------|-----------------------------------------------|
| <b>Issued To</b>                                    | <b>Sample Reg. No.</b> :E01-2110270978        |
| Jhajjar Power Limited                               | <b>Sample Reg. Date</b> :27-10-2021           |
| Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar | <b>Report Date</b> :09-11-2021                |
| Jhajjar                                             | <b>Report No.</b> :ICE-2111090210             |
|                                                     | <b>NABL ULR No.</b> :TC592621000013051F       |
|                                                     | <b>Customer Ref. No.</b> :Order No.5030010814 |
|                                                     | <b>Letter Dated</b> :29.10.2020               |

|                                                 |                       |
|-------------------------------------------------|-----------------------|
| <b>Test Report as per :</b>                     | : NAAQS 2009          |
| <b>General Information :</b>                    |                       |
| Location of Sampling Point                      | : Near Gate No.3      |
| Date of Monitoring                              | : 21-10-2021          |
| Time of Monitoring                              | : 10:20 hrs           |
| Purpose of Monitoring                           | : For Self Monitoring |
| Duration of Monitoring, minutes                 | : 1440                |
| Avg. Flow Rate of Sampling, m <sup>3</sup> /min | : 1.33                |
| Volume of air sampled, m <sup>3</sup>           | : 1834.03             |
| Avg. Ambient Temperature, °C                    | : 30                  |

| Description |                                                            |                                                   |               |              |
|-------------|------------------------------------------------------------|---------------------------------------------------|---------------|--------------|
| Description |                                                            | Ambient Air Quality Monitoring                    |               |              |
| S.No.       | Parameters                                                 | Method                                            | Specification | Result       |
|             | <b>Discipline : Chemical</b>                               |                                                   |               |              |
|             | <b>Group : Atmospheric Pollution</b>                       |                                                   |               |              |
| <b>1.</b>   | <b>Ambient Air Quality Parameters</b>                      |                                                   |               |              |
| a.          | Sulphur Dioxide(SO <sub>2</sub> ), µg/m <sup>3</sup>       | IS:5182(P-2)                                      | 80 Max        | 13.10        |
| b.          | Nitrogen Dioxide(NO <sub>2</sub> ), µg/m <sup>3</sup>      | IS:5182(P-6)                                      | 80 Max        | 26.91        |
| c.          | Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>  | IS:5182(P-23)                                     | 100 Max       | 108.00       |
| d.          | Particulate matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup> | STP/ITC/EW-01                                     | 60 Max        | 55.98        |
| e.          | Ozone(O <sub>3</sub> ), µg/m <sup>3</sup>                  | IS:5182(P-9)                                      | 180 Max       | BLQ (LOQ:14) |
| f.          | Lead(As Pb), µg/m <sup>3</sup>                             | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max       | BLQ(LOQ:0.1) |
| g.          | Carbon Monoxide(CO), mg/m <sup>3</sup>                     | IS:5182(P-10)                                     | 4 Max         | 1.4          |

  
Saurabh Sharma  
09-11-2021  
Reviewer

  
09-11-2021  
PremKumar  
[Authorized Signatory]

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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2110270978<br><b>Sample Reg. Date</b> :27-10-2021<br><b>Report Date</b> :09-11-2021<br><b>Report No.</b> :ICE-2111090210<br><b>NABL ULR No.</b> :TC592621000013051F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

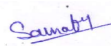
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | BLQ (LOQ:5.0) |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ (LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per NAAQS 2009, Sampling Procedure - SOP/ITC/EW/056

**REMARKS :** N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
09-11-2021  
Reviewer

  
09-11-2021  
PremKumar  
[Authorized Signatory]

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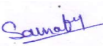
## Test Report

Document QF : 2501  
Page 1 of 2

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2110270977<br><b>Sample Reg. Date</b> :27-10-2021<br><b>Report Date</b> :09-11-2021<br><b>Report No.</b> :ICE-2111090214<br><b>NABL ULR No.</b> :TC592621000013056F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                                                                                                                                                                                                                                                                |                                                                                                                     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| <b>Test Report as per :</b>                                                                                                                                                                                                                                                                    | : NAAQS 2009                                                                                                        |
| <b>General Information :</b><br>Location of Sampling Point<br>Date of Monitoring<br>Time of Monitoring<br>Purpose of Monitoring<br>Duration of Monitoring, minutes<br>Avg. Flow Rate of Sampling, m <sup>3</sup> /min<br>Volume of air sampled, m <sup>3</sup><br>Avg. Ambient Temperature, °C | : Near Guest House<br>: 21-10-2021<br>: 10:40 hrs<br>: For Self Monitoring<br>: 1440<br>: 1.34<br>: 1841.74<br>: 31 |

| Description                          |                                                            |                                                   |               |               |
|--------------------------------------|------------------------------------------------------------|---------------------------------------------------|---------------|---------------|
| Description                          |                                                            | Ambient Air Quality Monitoring                    |               |               |
| S.No.                                | Parameters                                                 | Method                                            | Specification | Result        |
| <b>Discipline : Chemical</b>         |                                                            |                                                   |               |               |
| <b>Group : Atmospheric Pollution</b> |                                                            |                                                   |               |               |
| <b>1.</b>                            | <b>Ambient Air Quality Parameters</b>                      |                                                   |               |               |
| a.                                   | Sulphur Dioxide(SO <sub>2</sub> ), μg/m <sup>3</sup>       | IS:5182(P-2)                                      | 80 Max        | 8.76          |
| b.                                   | Nitrogen Dioxide(NO <sub>2</sub> ), μg/m <sup>3</sup>      | IS:5182(P-6)                                      | 80 Max        | 21.00         |
| c.                                   | Particulate Matter (PM <sub>10</sub> ), μg/m <sup>3</sup>  | IS:5182(P-23)                                     | 100 Max       | 82.25         |
| d.                                   | Particulate matter (PM <sub>2.5</sub> ), μg/m <sup>3</sup> | STP/ITC/EW-01                                     | 60 Max        | 40.98         |
| e.                                   | Ozone(O <sub>3</sub> ), μg/m <sup>3</sup>                  | IS:5182(P-9)                                      | 180 Max       | BLQ (LOQ:14)  |
| f.                                   | Lead(As Pb), μg/m <sup>3</sup>                             | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max       | BLQ(LOQ:0.1)  |
| g.                                   | Carbon Monoxide(CO), mg/m <sup>3</sup>                     | IS:5182(P-10)                                     | 4 Max         | BLQ (LOQ:1.0) |

  
Saurabh Sharma  
09-11-2021  
Reviewer

  
09-11-2021  
Prem Kumar  
[Authorized Signatory]

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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2110270977<br><b>Sample Reg. Date</b> :27-10-2021<br><b>Report Date</b> :09-11-2021<br><b>Report No.</b> :ICE-2111090214<br><b>NABL ULR No.</b> :TC592621000013056F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

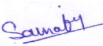
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | BLQ (LOQ:5.0) |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ (LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per NAAQS 2009, Sampling Procedure - SOP/ITC/EW/056

**REMARKS :** N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
09-11-2021  
Reviewer

  
09-11-2021  
PremKumar  
[Authorized Signatory]

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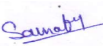
## Test Report

Document QF : 2501  
Page 1 of 2

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2110270979<br><b>Sample Reg. Date</b> :27-10-2021<br><b>Report Date</b> :09-11-2021<br><b>Report No.</b> :ICE-2111090211<br><b>NABL ULR No.</b> :TC592621000013058F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                                                                                                                                                                                                                                                                |                                                                                                                    |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|
| <b>Test Report as per :</b>                                                                                                                                                                                                                                                                    | : NAAQS 2009                                                                                                       |
| <b>General Information :</b><br>Location of Sampling Point<br>Date of Monitoring<br>Time of Monitoring<br>Purpose of Monitoring<br>Duration of Monitoring, minutes<br>Avg. Flow Rate of Sampling, m <sup>3</sup> /min<br>Volume of air sampled, m <sup>3</sup><br>Avg. Ambient Temperature, °C | : Village-Khanpur<br>: 21-10-2021<br>: 10:10 hrs<br>: For Self Monitoring<br>: 1440<br>: 1.33<br>: 1834.03<br>: 30 |

| Description                          |                                                            |                                                   |               |              |
|--------------------------------------|------------------------------------------------------------|---------------------------------------------------|---------------|--------------|
| Description                          |                                                            | Ambient Air Quality Monitoring                    |               |              |
| S.No.                                | Parameters                                                 | Method                                            | Specification | Result       |
| <b>Discipline : Chemical</b>         |                                                            |                                                   |               |              |
| <b>Group : Atmospheric Pollution</b> |                                                            |                                                   |               |              |
| <b>1.</b>                            | <b>Ambient Air Quality Parameters</b>                      |                                                   |               |              |
| a.                                   | Sulphur Dioxide(SO <sub>2</sub> ), µg/m <sup>3</sup>       | IS:5182(P-2)                                      | 80 Max        | 9.98         |
| b.                                   | Nitrogen Dioxide(NO <sub>2</sub> ), µg/m <sup>3</sup>      | IS:5182(P-6)                                      | 80 Max        | 31.89        |
| c.                                   | Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>  | IS:5182(P-23)                                     | 100 Max       | 116.25       |
| d.                                   | Particulate matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup> | STP/ITC/EW-01                                     | 60 Max        | 52.64        |
| e.                                   | Ozone(O <sub>3</sub> ), µg/m <sup>3</sup>                  | IS:5182(P-9)                                      | 180 Max       | BLQ (LOQ:14) |
| f.                                   | Lead(As Pb), µg/m <sup>3</sup>                             | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max       | BLQ(LOQ:0.1) |
| g.                                   | Carbon Monoxide(CO), mg/m <sup>3</sup>                     | IS:5182(P-10)                                     | 4 Max         | 1.4          |

  
Saurabh Sharma  
09-11-2021  
Reviewer

  
09-11-2021  
Prem Kumar  
[Authorized Signatory]

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2110270979<br><b>Sample Reg. Date</b> :27-10-2021<br><b>Report Date</b> :09-11-2021<br><b>Report No.</b> :ICE-2111090211<br><b>NABL ULR No.</b> :TC592621000013058F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
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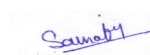
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | BLQ (LOQ:5.0) |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ (LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per NAAQS 2009, Sampling Procedure - SOP/ITC/EW/056

**REMARKS :** N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
09-11-2021  
Reviewer

  
09-11-2021  
PremKumar  
[Authorized Signatory]

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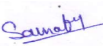
## Test Report

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|                                                     |                                               |
|-----------------------------------------------------|-----------------------------------------------|
| <b>Issued To</b>                                    | <b>Sample Reg. No.</b> :E01-2110270980        |
| Jhajjar Power Limited                               | <b>Sample Reg. Date</b> :27-10-2021           |
| Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar | <b>Report Date</b> :09-11-2021                |
| Jhajjar                                             | <b>Report No.</b> :ICE-2111090212             |
|                                                     | <b>NABL ULR No.</b> :TC592621000013060F       |
|                                                     | <b>Customer Ref. No.</b> :Order No.5030010814 |
|                                                     | <b>Letter Dated</b> :29.10.2020               |

|                                                 |                       |
|-------------------------------------------------|-----------------------|
| <b>Test Report as per :</b>                     | : NAAQS 2009          |
| <b>General Information :</b>                    |                       |
| Location of Sampling Point                      | : Near Shakti Vihar   |
| Date of Monitoring                              | : 21-10-2021          |
| Time of Monitoring                              | : 11:00 hrs           |
| Purpose of Monitoring                           | : For Self Monitoring |
| Duration of Monitoring, minutes                 | : 1440                |
| Avg. Flow Rate of Sampling, m <sup>3</sup> /min | : 1.34                |
| Volume of air sampled, m <sup>3</sup>           | : 1847.82             |
| Avg. Ambient Temperature, °C                    | : 30                  |

| Description |                                                            |                                                   |               |               |
|-------------|------------------------------------------------------------|---------------------------------------------------|---------------|---------------|
| Description |                                                            | Ambient Air Quality Monitoring                    |               |               |
| S.No.       | Parameters                                                 | Method                                            | Specification | Result        |
|             | <b>Discipline : Chemical</b>                               |                                                   |               |               |
|             | <b>Group : Atmospheric Pollution</b>                       |                                                   |               |               |
| <b>1.</b>   | <b>Ambient Air Quality Parameters</b>                      |                                                   |               |               |
| a.          | Sulphur Dioxide(SO <sub>2</sub> ), µg/m <sup>3</sup>       | IS:5182(P-2)                                      | 80 Max        | 16.22         |
| b.          | Nitrogen Dioxide(NO <sub>2</sub> ), µg/m <sup>3</sup>      | IS:5182(P-6)                                      | 80 Max        | 26.91         |
| c.          | Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>  | IS:5182(P-23)                                     | 100 Max       | 91.30         |
| d.          | Particulate matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup> | STP/ITC/EW-01                                     | 60 Max        | 50.55         |
| e.          | Ozone(O <sub>3</sub> ), µg/m <sup>3</sup>                  | IS:5182(P-9)                                      | 180 Max       | BLQ (LOQ:14)  |
| f.          | Lead(As Pb), µg/m <sup>3</sup>                             | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max       | BLQ(LOQ:0.1)  |
| g.          | Carbon Monoxide(CO), mg/m <sup>3</sup>                     | IS:5182(P-10)                                     | 4 Max         | BLQ (LOQ:1.0) |

  
Saurabh Sharma  
09-11-2021  
Reviewer

  
09-11-2021  
PremKumar  
[Authorized Signatory]

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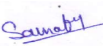
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | BLQ (LOQ:5.0) |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ (LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per NAAQS 2009, Sampling Procedure - SOP/ITC/EW/056

**REMARKS :** N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
09-11-2021  
Reviewer

  
09-11-2021  
PremKumar  
[Authorized Signatory]

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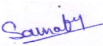
## Test Report

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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2111020012<br><b>Sample Reg. Date</b> :02-11-2021<br><b>Report Date</b> :09-11-2021<br><b>Report No.</b> :ICE-2111090216<br><b>NABL ULR No.</b> :TC592621000013039F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2021 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                                                                                                                                                                                                                                                                |                                                                                                                   |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|
| <b>Test Report as per :</b>                                                                                                                                                                                                                                                                    | : NAAQS 2009                                                                                                      |
| <b>General Information :</b><br>Location of Sampling Point<br>Date of Monitoring<br>Time of Monitoring<br>Purpose of Monitoring<br>Duration of Monitoring, minutes<br>Avg. Flow Rate of Sampling, m <sup>3</sup> /min<br>Volume of air sampled, m <sup>3</sup><br>Avg. Ambient Temperature, °C | : Near Gate No.3<br>: 25-10-2021<br>: 10:30 hrs<br>: For Self Monitoring<br>: 1440<br>: 1.34<br>: 1853.94<br>: 29 |

| Description                          |                                                            |                                                   |               |              |
|--------------------------------------|------------------------------------------------------------|---------------------------------------------------|---------------|--------------|
| Description                          | Ambient Air Quality Monitoring                             |                                                   |               |              |
| S.No.                                | Parameters                                                 | Method                                            | Specification | Result       |
| <b>Discipline : Chemical</b>         |                                                            |                                                   |               |              |
| <b>Group : Atmospheric Pollution</b> |                                                            |                                                   |               |              |
| <b>1.</b>                            | <b>Ambient Air Quality Parameters</b>                      |                                                   |               |              |
| a.                                   | Sulphur Dioxide(SO <sub>2</sub> ), µg/m <sup>3</sup>       | IS:5182(P-2)                                      | 80 Max        | 14.92        |
| b.                                   | Nitrogen Dioxide(NO <sub>2</sub> ), µg/m <sup>3</sup>      | IS:5182(P-6)                                      | 80 Max        | 33.77        |
| c.                                   | Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>  | IS:5182(P-23)                                     | 100 Max       | 124.47       |
| d.                                   | Particulate matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup> | STP/ITC/EW-01                                     | 60 Max        | 58.24        |
| e.                                   | Ozone(O <sub>3</sub> ), µg/m <sup>3</sup>                  | IS:5182(P-9)                                      | 180 Max       | BLQ (LOQ:14) |
| f.                                   | Lead(As Pb), µg/m <sup>3</sup>                             | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max       | BLQ(LOQ:0.1) |
| g.                                   | Carbon Monoxide(CO), mg/m <sup>3</sup>                     | IS:5182(P-10)                                     | 4 Max         | 1.6          |

  
Saurabh Sharma  
09-11-2021  
Reviewer

  
09-11-2021  
PremKumar  
[Authorized Signatory]

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## Test Report

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2111020012<br><b>Sample Reg. Date</b> :02-11-2021<br><b>Report Date</b> :09-11-2021<br><b>Report No.</b> :ICE-2111090216<br><b>NABL ULR No.</b> :TC592621000013039F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2021 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

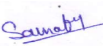
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | BLQ (LOQ:5.0) |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ (LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per NAAQS 2009, Sampling Procedure - SOP/ITC/EW/056

**REMARKS :**N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
09-11-2021  
Reviewer

  
09-11-2021  
PremKumar  
[Authorized Signatory]

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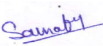
## Test Report

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Page 1 of 2

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2111020011<br><b>Sample Reg. Date</b> :02-11-2021<br><b>Report Date</b> :09-11-2021<br><b>Report No.</b> :ICE-2111090215<br><b>NABL ULR No.</b> :TC592621000013043F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                                                                                                                                                                                                                                                                |                                                                                                                     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| <b>Test Report as per :</b>                                                                                                                                                                                                                                                                    | : NAAQS 2009                                                                                                        |
| <b>General Information :</b><br>Location of Sampling Point<br>Date of Monitoring<br>Time of Monitoring<br>Purpose of Monitoring<br>Duration of Monitoring, minutes<br>Avg. Flow Rate of Sampling, m <sup>3</sup> /min<br>Volume of air sampled, m <sup>3</sup><br>Avg. Ambient Temperature, °C | : Near Guest House<br>: 25-10-2021<br>: 10:40 hrs<br>: For Self Monitoring<br>: 1440<br>: 1.34<br>: 1853.94<br>: 29 |

| Description                          |                                                            |                                                   |               |               |
|--------------------------------------|------------------------------------------------------------|---------------------------------------------------|---------------|---------------|
| Description                          |                                                            | Ambient Air Quality Monitoring                    |               |               |
| S.No.                                | Parameters                                                 | Method                                            | Specification | Result        |
| <b>Discipline : Chemical</b>         |                                                            |                                                   |               |               |
| <b>Group : Atmospheric Pollution</b> |                                                            |                                                   |               |               |
| <b>1.</b>                            | <b>Ambient Air Quality Parameters</b>                      |                                                   |               |               |
| a.                                   | Sulphur Dioxide(SO <sub>2</sub> ), μg/m <sup>3</sup>       | IS:5182(P-2)                                      | 80 Max        | 9.95          |
| b.                                   | Nitrogen Dioxide(NO <sub>2</sub> ), μg/m <sup>3</sup>      | IS:5182(P-6)                                      | 80 Max        | 27.81         |
| c.                                   | Particulate Matter (PM <sub>10</sub> ), μg/m <sup>3</sup>  | IS:5182(P-23)                                     | 100 Max       | 85.46         |
| d.                                   | Particulate matter (PM <sub>2.5</sub> ), μg/m <sup>3</sup> | STP/ITC/EW-01                                     | 60 Max        | 37.64         |
| e.                                   | Ozone(O <sub>3</sub> ), μg/m <sup>3</sup>                  | IS:5182(P-9)                                      | 180 Max       | BLQ (LOQ:14)  |
| f.                                   | Lead(As Pb), μg/m <sup>3</sup>                             | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max       | BLQ(LOQ:0.1)  |
| g.                                   | Carbon Monoxide(CO), mg/m <sup>3</sup>                     | IS:5182(P-10)                                     | 4 Max         | BLQ (LOQ:1.0) |

  
Saurabh Sharma  
09-11-2021  
Reviewer

  
09-11-2021  
PremKumar  
[Authorized Signatory]

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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2111020011<br><b>Sample Reg. Date</b> :02-11-2021<br><b>Report Date</b> :09-11-2021<br><b>Report No.</b> :ICE-2111090215<br><b>NABL ULR No.</b> :TC592621000013043F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

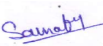
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | BLQ (LOQ:5.0) |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ (LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per NAAQS 2009, Sampling Procedure - SOP/ITC/EW/056

**REMARKS :**N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
09-11-2021  
Reviewer

  
09-11-2021  
PremKumar  
[Authorized Signatory]

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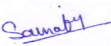
## Test Report

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|                                                     |                                               |
|-----------------------------------------------------|-----------------------------------------------|
| <b>Issued To</b>                                    | <b>Sample Reg. No.</b> :E01-2111020013        |
| Jhajjar Power Limited                               | <b>Sample Reg. Date</b> :02-11-2021           |
| Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar | <b>Report Date</b> :09-11-2021                |
| Jhajjar                                             | <b>Report No.</b> :ICE-2111090206             |
|                                                     | <b>NABL ULR No.</b> :TC592621000013037F       |
|                                                     | <b>Customer Ref. No.</b> :Order No.5030010814 |
|                                                     | <b>Letter Dated</b> :29.10.2020               |

|                                                 |                       |
|-------------------------------------------------|-----------------------|
| <b>Test Report as per :</b>                     | : NAAQS 2009          |
| <b>General Information :</b>                    |                       |
| Location of Sampling Point                      | : Village- Khanpur    |
| Date of Monitoring                              | : 25-10-2021          |
| Time of Monitoring                              | : 10:10 hrs           |
| Purpose of Monitoring                           | : For Self Monitoring |
| Duration of Monitoring, minutes                 | : 1440                |
| Avg. Flow Rate of Sampling, m <sup>3</sup> /min | : 1.33                |
| Volume of air sampled, m <sup>3</sup>           | : 1840.10             |
| Avg. Ambient Temperature, °C                    | : 29                  |

| Description |                                                            |                                                   |               |              |
|-------------|------------------------------------------------------------|---------------------------------------------------|---------------|--------------|
| Description |                                                            | Ambient Air Quality Monitoring                    |               |              |
| S.No.       | Parameters                                                 | Method                                            | Specification | Result       |
|             | <b>Discipline : Chemical</b>                               |                                                   |               |              |
|             | <b>Group : Atmospheric Pollution</b>                       |                                                   |               |              |
| <b>1.</b>   | <b>Ambient Air Quality Parameters</b>                      |                                                   |               |              |
| a.          | Sulphur Dioxide(SO <sub>2</sub> ), µg/m <sup>3</sup>       | IS:5182(P-2)                                      | 80 Max        | 19.28        |
| b.          | Nitrogen Dioxide(NO <sub>2</sub> ), µg/m <sup>3</sup>      | IS:5182(P-6)                                      | 80 Max        | 31.78        |
| c.          | Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>  | IS:5182(P-23)                                     | 100 Max       | 120.36       |
| d.          | Particulate matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup> | STP/ITC/EW-01                                     | 60 Max        | 60.48        |
| e.          | Ozone(O <sub>3</sub> ), µg/m <sup>3</sup>                  | IS:5182(P-9)                                      | 180 Max       | BLQ (LOQ:14) |
| f.          | Lead(As Pb), µg/m <sup>3</sup>                             | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max       | BLQ(LOQ:0.1) |
| g.          | Carbon Monoxide(CO), mg/m <sup>3</sup>                     | IS:5182(P-10)                                     | 4 Max         | 1.6          |

  
Saurabh Sharma  
09-11-2021  
Reviewer

  
09-11-2021  
PremKumar  
[Authorized Signatory]

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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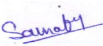
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | BLQ (LOQ:5.0) |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ (LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per NAAQS 2009, Sampling Procedure - SOP/ITC/EW/056

**REMARKS :** N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
09-11-2021  
Reviewer

  
09-11-2021  
PremKumar  
[Authorized Signatory]

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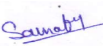
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|                                                     |                                               |
|-----------------------------------------------------|-----------------------------------------------|
| <b>Issued To</b>                                    | <b>Sample Reg. No.</b> :E01-2111020014        |
| Jhajjar Power Limited                               | <b>Sample Reg. Date</b> :02-11-2021           |
| Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar | <b>Report Date</b> :09-11-2021                |
| Jhajjar                                             | <b>Report No.</b> :ICE-2111090205             |
|                                                     | <b>NABL ULR No.</b> :TC592621000013029F       |
|                                                     | <b>Customer Ref. No.</b> :Order No.5030010814 |
|                                                     | <b>Letter Dated</b> :29.10.2020               |

|                                                 |                       |
|-------------------------------------------------|-----------------------|
| <b>Test Report as per :</b>                     | : NAAQS 2009          |
| <b>General Information :</b>                    |                       |
| Location of Sampling Point                      | : Near Shakti Vihar   |
| Date of Monitoring                              | : 25-10-2021          |
| Time of Monitoring                              | : 11:00 hrs           |
| Purpose of Monitoring                           | : For Self Monitoring |
| Duration of Monitoring, minutes                 | : 1440                |
| Avg. Flow Rate of Sampling, m <sup>3</sup> /min | : 1.33                |
| Volume of air sampled, m <sup>3</sup>           | : 1834.03             |
| Avg. Ambient Temperature, °C                    | : 30                  |

| Description |                                                            |                                                   |               |               |
|-------------|------------------------------------------------------------|---------------------------------------------------|---------------|---------------|
| Description |                                                            | Ambient Air Quality Monitoring                    |               |               |
| S.No.       | Parameters                                                 | Method                                            | Specification | Result        |
|             | <b>Discipline : Chemical</b>                               |                                                   |               |               |
|             | <b>Group : Atmospheric Pollution</b>                       |                                                   |               |               |
| <b>1.</b>   | <b>Ambient Air Quality Parameters</b>                      |                                                   |               |               |
| a.          | Sulphur Dioxide(SO <sub>2</sub> ), µg/m <sup>3</sup>       | IS:5182(P-2)                                      | 80 Max        | 8.11          |
| b.          | Nitrogen Dioxide(NO <sub>2</sub> ), µg/m <sup>3</sup>      | IS:5182(P-6)                                      | 80 Max        | 19.93         |
| c.          | Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>  | IS:5182(P-23)                                     | 100 Max       | 91.27         |
| d.          | Particulate matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup> | STP/ITC/EW-01                                     | 60 Max        | 37.54         |
| e.          | Ozone(O <sub>3</sub> ), µg/m <sup>3</sup>                  | IS:5182(P-9)                                      | 180 Max       | BLQ (LOQ:14)  |
| f.          | Lead(As Pb), µg/m <sup>3</sup>                             | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max       | BLQ(LOQ:0.1)  |
| g.          | Carbon Monoxide(CO), mg/m <sup>3</sup>                     | IS:5182(P-10)                                     | 4 Max         | BLQ (LOQ:1.0) |

  
Saurabh Sharma  
09-11-2021  
Reviewer

  
09-11-2021  
PremKumar  
[Authorized Signatory]

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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2111020014<br><b>Sample Reg. Date</b> :02-11-2021<br><b>Report Date</b> :09-11-2021<br><b>Report No.</b> :ICE-2111090205<br><b>NABL ULR No.</b> :TC592621000013029F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
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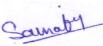
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | BLQ (LOQ:5.0) |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ (LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per NAAQS 2009, Sampling Procedure - SOP/ITC/EW/056

**REMARKS :** N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
09-11-2021  
Reviewer

  
09-11-2021  
PremKumar  
[Authorized Signatory]

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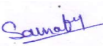
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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2111020016<br><b>Sample Reg. Date</b> :02-11-2021<br><b>Report Date</b> :09-11-2021<br><b>Report No.</b> :ICE-2111090218<br><b>NABL ULR No.</b> :TC592621000013031F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                                                                                                                                                                                                                                                                |                                                                                                                   |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|
| <b>Test Report as per :</b>                                                                                                                                                                                                                                                                    | : NAAQS 2009                                                                                                      |
| <b>General Information :</b><br>Location of Sampling Point<br>Date of Monitoring<br>Time of Monitoring<br>Purpose of Monitoring<br>Duration of Monitoring, minutes<br>Avg. Flow Rate of Sampling, m <sup>3</sup> /min<br>Volume of air sampled, m <sup>3</sup><br>Avg. Ambient Temperature, °C | : Near Gate No.3<br>: 28-10-2021<br>: 10:20 hrs<br>: For Self Monitoring<br>: 1440<br>: 1.34<br>: 1872.54<br>: 26 |

| Description                          |                                                            |                                                   |               |              |
|--------------------------------------|------------------------------------------------------------|---------------------------------------------------|---------------|--------------|
| Description                          |                                                            | Ambient Air Quality Monitoring                    |               |              |
| S.No.                                | Parameters                                                 | Method                                            | Specification | Result       |
| <b>Discipline : Chemical</b>         |                                                            |                                                   |               |              |
| <b>Group : Atmospheric Pollution</b> |                                                            |                                                   |               |              |
| <b>1.</b>                            | <b>Ambient Air Quality Parameters</b>                      |                                                   |               |              |
| a.                                   | Sulphur Dioxide(SO <sub>2</sub> ), µg/m <sup>3</sup>       | IS:5182(P-2)                                      | 80 Max        | 22.16        |
| b.                                   | Nitrogen Dioxide(NO <sub>2</sub> ), µg/m <sup>3</sup>      | IS:5182(P-6)                                      | 80 Max        | 30.98        |
| c.                                   | Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>  | IS:5182(P-23)                                     | 100 Max       | 103.65       |
| d.                                   | Particulate matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup> | STP/ITC/EW-01                                     | 60 Max        | 51.35        |
| e.                                   | Ozone(O <sub>3</sub> ), µg/m <sup>3</sup>                  | IS:5182(P-9)                                      | 180 Max       | BLQ (LOQ:14) |
| f.                                   | Lead(As Pb), µg/m <sup>3</sup>                             | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max       | BLQ(LOQ:0.1) |
| g.                                   | Carbon Monoxide(CO), mg/m <sup>3</sup>                     | IS:5182(P-10)                                     | 4 Max         | 1.4          |

  
Saurabh Sharma  
09-11-2021  
Reviewer

  
09-11-2021  
PremKumar  
[Authorized Signatory]

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## Test Report

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2111020016<br><b>Sample Reg. Date</b> :02-11-2021<br><b>Report Date</b> :09-11-2021<br><b>Report No.</b> :ICE-2111090218<br><b>NABL ULR No.</b> :TC592621000013031F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
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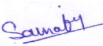
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | BLQ (LOQ:5.0) |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ (LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per NAAQS 2009, Sampling Procedure - SOP/ITC/EW/056

**REMARKS :** N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
09-11-2021  
Reviewer

  
09-11-2021  
PremKumar  
[Authorized Signatory]

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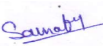
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2111020015<br><b>Sample Reg. Date</b> :02-11-2021<br><b>Report Date</b> :09-11-2021<br><b>Report No.</b> :ICE-2111090217<br><b>NABL ULR No.</b> :TC592621000013042F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                                                                                                                                                                                                                                                                |                                                                                                                     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| <b>Test Report as per :</b>                                                                                                                                                                                                                                                                    | : NAAQS 2009                                                                                                        |
| <b>General Information :</b><br>Location of Sampling Point<br>Date of Monitoring<br>Time of Monitoring<br>Purpose of Monitoring<br>Duration of Monitoring, minutes<br>Avg. Flow Rate of Sampling, m <sup>3</sup> /min<br>Volume of air sampled, m <sup>3</sup><br>Avg. Ambient Temperature, °C | : Near Guest House<br>: 28-10-2021<br>: 10:50 hrs<br>: For Self Monitoring<br>: 1440<br>: 1.33<br>: 1852.37<br>: 27 |

| Description                          |                                                            |                                                   |               |               |
|--------------------------------------|------------------------------------------------------------|---------------------------------------------------|---------------|---------------|
| Description                          |                                                            | Ambient Air Quality Monitoring                    |               |               |
| S.No.                                | Parameters                                                 | Method                                            | Specification | Result        |
| <b>Discipline : Chemical</b>         |                                                            |                                                   |               |               |
| <b>Group : Atmospheric Pollution</b> |                                                            |                                                   |               |               |
| <b>1.</b>                            | <b>Ambient Air Quality Parameters</b>                      |                                                   |               |               |
| a.                                   | Sulphur Dioxide(SO <sub>2</sub> ), µg/m <sup>3</sup>       | IS:5182(P-2)                                      | 80 Max        | 11.74         |
| b.                                   | Nitrogen Dioxide(NO <sub>2</sub> ), µg/m <sup>3</sup>      | IS:5182(P-6)                                      | 80 Max        | 20.23         |
| c.                                   | Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>  | IS:5182(P-23)                                     | 100 Max       | 89.95         |
| d.                                   | Particulate matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup> | STP/ITC/EW-01                                     | 60 Max        | 35.54         |
| e.                                   | Ozone(O <sub>3</sub> ), µg/m <sup>3</sup>                  | IS:5182(P-9)                                      | 180 Max       | BLQ (LOQ:14)  |
| f.                                   | Lead(As Pb), µg/m <sup>3</sup>                             | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max       | BLQ(LOQ:0.1)  |
| g.                                   | Carbon Monoxide(CO), mg/m <sup>3</sup>                     | IS:5182(P-10)                                     | 4 Max         | BLQ (LOQ:1.0) |

  
Saurabh Sharma  
09-11-2021  
Reviewer

  
09-11-2021  
PremKumar  
[Authorized Signatory]

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|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

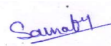
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | BLQ (LOQ:5.0) |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ (LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per NAAQS 2009, Sampling Procedure - SOP/ITC/EW/056

**REMARKS :** N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
09-11-2021  
Reviewer

  
09-11-2021  
PremKumar  
[Authorized Signatory]

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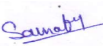
## Test Report

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|                                                     |                                               |
|-----------------------------------------------------|-----------------------------------------------|
| <b>Issued To</b>                                    | <b>Sample Reg. No.</b> :E01-2111020017        |
| Jhajjar Power Limited                               | <b>Sample Reg. Date</b> :02-11-2021           |
| Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar | <b>Report Date</b> :09-11-2021                |
| Jhajjar                                             | <b>Report No.</b> :ICE-2111090204             |
|                                                     | <b>NABL ULR No.</b> :TC592621000013036F       |
|                                                     | <b>Customer Ref. No.</b> :Order No.5030010814 |
|                                                     | <b>Letter Dated</b> :29.10.2020               |

|                                                 |                       |
|-------------------------------------------------|-----------------------|
| <b>Test Report as per :</b>                     | : NAAQS 2009          |
| <b>General Information :</b>                    |                       |
| Location of Sampling Point                      | : Village-Khanpur     |
| Date of Monitoring                              | : 28-10-2021          |
| Time of Monitoring                              | : 10:00 hrs           |
| Purpose of Monitoring                           | : For Self Monitoring |
| Duration of Monitoring, minutes                 | : 1440                |
| Avg. Flow Rate of Sampling, m <sup>3</sup> /min | : 1.33                |
| Volume of air sampled, m <sup>3</sup>           | : 1864.80             |
| Avg. Ambient Temperature, °C                    | : 25                  |

| Description |                                                            |                                                   |               |              |
|-------------|------------------------------------------------------------|---------------------------------------------------|---------------|--------------|
| Description |                                                            | Ambient Air Quality Monitoring                    |               |              |
| S.No.       | Parameters                                                 | Method                                            | Specification | Result       |
|             | <b>Discipline : Chemical</b>                               |                                                   |               |              |
|             | <b>Group : Atmospheric Pollution</b>                       |                                                   |               |              |
| <b>1.</b>   | <b>Ambient Air Quality Parameters</b>                      |                                                   |               |              |
| a.          | Sulphur Dioxide(SO <sub>2</sub> ), µg/m <sup>3</sup>       | IS:5182(P-2)                                      | 80 Max        | 14.74        |
| b.          | Nitrogen Dioxide(NO <sub>2</sub> ), µg/m <sup>3</sup>      | IS:5182(P-6)                                      | 80 Max        | 33.81        |
| c.          | Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>  | IS:5182(P-23)                                     | 100 Max       | 116.35       |
| d.          | Particulate matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup> | STP/ITC/EW-01                                     | 60 Max        | 53.29        |
| e.          | Ozone(O <sub>3</sub> ), µg/m <sup>3</sup>                  | IS:5182(P-9)                                      | 180 Max       | BLQ (LOQ:14) |
| f.          | Lead(As Pb), µg/m <sup>3</sup>                             | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max       | BLQ(LOQ:0.1) |
| g.          | Carbon Monoxide(CO), mg/m <sup>3</sup>                     | IS:5182(P-10)                                     | 4 Max         | 1.3          |

  
Saurabh Sharma  
09-11-2021  
Reviewer

  
09-11-2021  
PremKumar  
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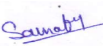
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | BLQ (LOQ:5.0) |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ (LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per NAAQS 2009, Sampling Procedure - SOP/ITC/EW/056

**REMARKS :** N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
09-11-2021  
Reviewer

  
09-11-2021  
Prem Kumar  
[Authorized Signatory]

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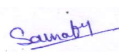
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|                                                     |                                               |
|-----------------------------------------------------|-----------------------------------------------|
| <b>Issued To</b>                                    | <b>Sample Reg. No.</b> :E01-2111020018        |
| Jhajjar Power Limited                               | <b>Sample Reg. Date</b> :02-11-2021           |
| Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar | <b>Report Date</b> :09-11-2021                |
| Jhajjar                                             | <b>Report No.</b> :ICE-2111090203             |
|                                                     | <b>NABL ULR No.</b> :TC592621000013061F       |
|                                                     | <b>Customer Ref. No.</b> :Order No.5030010814 |
|                                                     | <b>Letter Dated</b> :29.10.2020               |

|                                                 |                       |
|-------------------------------------------------|-----------------------|
| <b>Test Report as per :</b>                     | : NAAQS 2009          |
| <b>General Information :</b>                    |                       |
| Location of Sampling Point                      | : Near Shakti Vihar   |
| Date of Monitoring                              | : 28-10-2021          |
| Time of Monitoring                              | : 11:10 hrs           |
| Purpose of Monitoring                           | : For Self Monitoring |
| Duration of Monitoring, minutes                 | : 1440                |
| Avg. Flow Rate of Sampling, m <sup>3</sup> /min | : 1.33                |
| Volume of air sampled, m <sup>3</sup>           | : 1840.10             |
| Avg. Ambient Temperature, °C                    | : 29                  |

| Description |                                                            |                                                   |               |               |
|-------------|------------------------------------------------------------|---------------------------------------------------|---------------|---------------|
| Description |                                                            | Ambient Air Quality Monitoring                    |               |               |
| S.No.       | Parameters                                                 | Method                                            | Specification | Result        |
|             | <b>Discipline : Chemical</b>                               |                                                   |               |               |
|             | <b>Group : Atmospheric Pollution</b>                       |                                                   |               |               |
| <b>1.</b>   | <b>Ambient Air Quality Parameters</b>                      |                                                   |               |               |
| a.          | Sulphur Dioxide(SO <sub>2</sub> ), µg/m <sup>3</sup>       | IS:5182(P-2)                                      | 80 Max        | 8.08          |
| b.          | Nitrogen Dioxide(NO <sub>2</sub> ), µg/m <sup>3</sup>      | IS:5182(P-6)                                      | 80 Max        | 16.88         |
| c.          | Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>  | IS:5182(P-23)                                     | 100 Max       | 90.57         |
| d.          | Particulate matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup> | STP/ITC/EW-01                                     | 60 Max        | 41.85         |
| e.          | Ozone(O <sub>3</sub> ), µg/m <sup>3</sup>                  | IS:5182(P-9)                                      | 180 Max       | BLQ (LOQ:14)  |
| f.          | Lead(As Pb), µg/m <sup>3</sup>                             | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max       | BLQ(LOQ:0.1)  |
| g.          | Carbon Monoxide(CO), mg/m <sup>3</sup>                     | IS:5182(P-10)                                     | 4 Max         | BLQ (LOQ:1.0) |

  
Saurabh Sharma  
09-11-2021  
Reviewer

  
09-11-2021  
Prem Kumar  
[Authorized Signatory]

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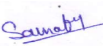
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | BLQ (LOQ:5.0) |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ (LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per NAAQS 2009, Sampling Procedure - SOP/ITC/EW/056

**REMARKS :** N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
09-11-2021  
Reviewer

  
09-11-2021  
PremKumar  
[Authorized Signatory]

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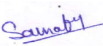
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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2110040008<br><b>Sample Reg. Date</b> :04-10-2021<br><b>Report Date</b> :07-10-2021<br><b>Report No.</b> :ICE-2110070286<br><b>NABL ULR No.</b> :TC592621000011498F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                            |                                                           |
|--------------------------------------------|-----------------------------------------------------------|
| <b>Test Report as per :</b>                | : EPA Act 1986/PCLS/2010                                  |
| <b>General Information :</b>               |                                                           |
| Date of Monitoring                         | : 01-10-2021                                              |
| Time of Monitoring                         | : 10:00 hrs to 10:22 hrs                                  |
| Name of the emission source monitored      | : Stack Emission of Boiler                                |
| (a) Rated Capacity                         | : 660 MW                                                  |
| (b) Capacity on sampling day               | : 655 MW                                                  |
| (c) Type of fuel used & its consumption    | : Coal & 420 Ton/hr                                       |
| (d) Normal operating schedule              | : 24 hrs                                                  |
| 2. Stack Identification                    | : Stack attached to Boiler, Unit-I (at 65 meter's height) |
| 3.Type of Stack/Duct                       | : Metal                                                   |
| 4.Stack Height from Ground Level(m)        | : 275                                                     |
| Diameter of the Stack(cm)                  | : 700                                                     |
| (6) Sampling Duration(minutes)             | : 22                                                      |
| Purpose of Monitoring                      | : For Self Monitoring                                     |
| (8) Air Pollution control measure          | : ESP + FF + FGD + Low NOx Burner                         |
| (a) Status                                 | : Working                                                 |
| (b) Recovery of Material                   | : -                                                       |
| (9) Fugitive Emission,if any               | : Nil                                                     |
| <b>Observations :</b>                      |                                                           |
| Flue Gas Temperature, °C,Avg.              | : 58                                                      |
| Flue Gas Velocity(m/s),Avg.                | : 26.82                                                   |
| Volumetric Flow Rate(Nm <sup>3</sup> /hr.) | : 3211622.92                                              |
| Ambient Air Temperature, °C                | : 29                                                      |

| S.No. | Parameters                   | Method | Specification | Result |
|-------|------------------------------|--------|---------------|--------|
|       | <b>Discipline : Chemical</b> |        |               |        |

  
Saurabh Sharma  
07-10-2021  
Reviewer

  
07-10-2021  
PremKumar  
[Authorized Signatory]

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## Test Report

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2110040008<br><b>Sample Reg. Date</b> :04-10-2021<br><b>Report Date</b> :07-10-2021<br><b>Report No.</b> :ICE-2110070286<br><b>NABL ULR No.</b> :TC592621000011498F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

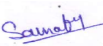
| Group : Atmospheric Pollution |                                                                                                         |                 |               |               |
|-------------------------------|---------------------------------------------------------------------------------------------------------|-----------------|---------------|---------------|
| 1. General Parameters         |                                                                                                         |                 |               |               |
| a.                            | Particulate Matter, mg/Nm <sup>3</sup> (Corrected to 6% O <sub>2</sub> on dry basis)                    | IS:11255(P-1)   | Max. 50       | 31.68         |
| b.                            | Sulphur Dioxide (SO <sub>2</sub> ), mg/Nm <sup>3</sup> (Corrected to 6% O <sub>2</sub> on dry basis)    | IS:11255(P-2)   | Max. 200      | 138.64        |
| c.                            | Oxides of Nitrogen (NO <sub>x</sub> ), mg/Nm <sup>3</sup> (Corrected to 6% O <sub>2</sub> on dry basis) | IS:11255(P-7)   | Max. 450      | 199.06        |
| d.                            | Mercury(As Hg),mg/Nm <sup>3</sup>                                                                       | USEPA Method    | Max. 0.03     | BLQ(LOQ:0.01) |
| e.                            | Carbon Monoxide(CO),% v/v                                                                               | IS:13270        | Max. 1.0      | 0.2           |
| f.                            | Moisture, % by mass                                                                                     | IS: 11255 (P-3) | Not Specified | 5.0           |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per EPA Act 1986/PCLS/2010, Sample collected by lab rep. on dated 01.10.2021, Sampling Procedure - SOP/ITC/EW/056

**REMARKS :**N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
07-10-2021  
Reviewer

  
07-10-2021  
PremKumar  
[Authorized Signatory]

### Disclaimer :

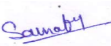
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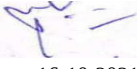
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|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2110110361<br><b>Sample Reg. Date</b> :11-10-2021<br><b>Report Date</b> :16-10-2021<br><b>Report No.</b> :ICE-2110160598<br><b>NABL ULR No.</b> :TC592621000011852F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                               |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Test Report as per :</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | : EPA Act 1986/PCLS/2010                                                                                                                                                                                                                                                                                                      |
| <b>General Information :</b><br>Date of Monitoring<br>Time of Monitoring<br>Name of the emission source monitored<br>(a) Rated Capacity<br>(b) Capacity on sampling day<br>(c) Type of fuel used & its consumption<br>(d) Normal operating schedule<br>2. Stack Identification<br>3.Type of Stack/Duct<br>4.Stack Height from Ground Level(m)<br>Diameter of the Stack(cm)<br>(6) Sampling Duration(minutes)<br>Purpose of Monitoring<br>(8) Air Pollution control measure<br>(a) Status<br>(b) Recovery of Material<br>(9) Fugitive Emission,if any | : 08-10-2021<br>: 10:30 hrs to10:56 hrs<br>: Stack Emission of Boiler<br>: 660 MW<br>: 395 MW<br>: Coal & 273 Ton/hr<br>: 24 hrs<br>: Stack attached to Boiler, Unit-I (at 65 meter's height)<br>: Metal<br>: 275<br>: 700<br>: 26<br>: For Self Monitoring<br>: ESP + FF + FGD + Low NOx Burner<br>: Working<br>: -<br>: Nil |
| <b>Observations :</b><br>Flue Gas Temperature, °C,Avg.<br>Flue Gas Velocity(m/s),Avg.<br>Volumetric Flow Rate(Nm <sup>3</sup> /hr.)<br>Ambient Air Temperature, °C                                                                                                                                                                                                                                                                                                                                                                                   | : 55<br>: 22.55<br>: 2743664.16<br>: 30                                                                                                                                                                                                                                                                                       |

  
 Saurabh Sharma  
 16-10-2021  
 Reviewer

  
 16-10-2021  
 PremKumar  
 [Authorized Signatory]

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## Test Report

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2110110361<br><b>Sample Reg. Date</b> :11-10-2021<br><b>Report Date</b> :16-10-2021<br><b>Report No.</b> :ICE-2110160598<br><b>NABL ULR No.</b> :TC592621000011852F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

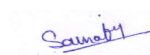
| S.No.     | Parameters                                                                                              | Method          | Specification | Result        |
|-----------|---------------------------------------------------------------------------------------------------------|-----------------|---------------|---------------|
|           | <b>Discipline : Chemical</b>                                                                            |                 |               |               |
|           | <b>Group : Atmospheric Pollution</b>                                                                    |                 |               |               |
| <b>1.</b> | <b>General Parameters</b>                                                                               |                 |               |               |
| a.        | Particulate Matter, mg/Nm <sup>3</sup> (Corrected to 6% O <sub>2</sub> on dry basis)                    | IS:11255(P-1)   | Max. 50       | 29.75         |
| b.        | Sulphur Dioxide (SO <sub>2</sub> ), mg/Nm <sup>3</sup> (Corrected to 6% O <sub>2</sub> on dry basis)    | IS:11255(P-2)   | Max. 200      | 108.90        |
| c.        | Oxides of Nitrogen (NO <sub>x</sub> ), mg/Nm <sup>3</sup> (Corrected to 6% O <sub>2</sub> on dry basis) | IS:11255(P-7)   | Max. 450      | 203.65        |
| d.        | Mercury(As Hg),mg/Nm <sup>3</sup>                                                                       | USEPA Method    | Max. 0.03     | BLQ(LOQ:0.01) |
| e.        | Carbon Monoxide(CO),% v/v                                                                               | IS:13270        | Max. 1.0      | 0.2           |
| f.        | Moisture, % by mass                                                                                     | IS: 11255 (P-3) | Not Specified | 5.2           |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per EPA Act 1986/PCLS/2010 , Sample collected by lab rep. on dated 18.10.2021, Sampling Procedure - SOP/ITC/EW/056

**REMARKS :**N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
16-10-2021  
Reviewer

  
16-10-2021  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
Panchkula-134109 (Haryana)  
Phone : (O) 0172-2561543, 2565825  
Email : customersupport@itclabs.com  
Visit us :www.itclabs.com

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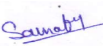
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|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2110110362<br><b>Sample Reg. Date</b> :11-10-2021<br><b>Report Date</b> :16-10-2021<br><b>Report No.</b> :ICE-2110160599<br><b>NABL ULR No.</b> :TC592621000011865F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                 |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Test Report as per :</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | : EPA Act 1986/PCLS/2010                                                                                                                                                                                                                                                                                                        |
| <b>General Information :</b><br>Date of Monitoring<br>Time of Monitoring<br>Name of the emission source monitored<br>(a) Rated Capacity<br>(b) Capacity on sampling day<br>(c) Type of fuel used & its consumption<br>(d) Normal operating schedule<br>2. Stack Identification<br>3.Type of Stack/Duct<br>4.Stack Height from Ground Level(m)<br>Diameter of the Stack(cm)<br>(6) Sampling Duration(minutes)<br>Purpose of Monitoring<br>(8) Air Pollution control measure<br>(a) Status<br>(b) Recovery of Material<br>(9) Fugitive Emission,if any | : 08-10-2021<br>: 11:10 hrs to 11:39 hrs<br>: Stack Emission of Boiler<br>: 660 MW<br>: 400 MW<br>: Coal & 250 Ton/hr<br>: 24 hrs<br>: Stack attached to Boiler, Unit-II (at 65 meter's height)<br>: Metal<br>: 275<br>: 700<br>: 29<br>: For Self Monitoring<br>: ESP + FF + FGD + Low NOx Burner<br>: Working<br>: -<br>: Nil |
| <b>Observations :</b><br>Flue Gas Temperature, °C,Avg.<br>Flue Gas Velocity(m/s),Avg.<br>Volumetric Flow Rate(Nm <sup>3</sup> /hr.)<br>Ambient Air Temperature, °C                                                                                                                                                                                                                                                                                                                                                                                   | : 56<br>: 20.53<br>: 2490297.89<br>: 30                                                                                                                                                                                                                                                                                         |

| S.No. | Parameters                   | Method | Specification | Result |
|-------|------------------------------|--------|---------------|--------|
|       | <b>Discipline : Chemical</b> |        |               |        |

  
Saurabh Sharma  
16-10-2021  
Reviewer

  
16-10-2021  
PremKumar  
[Authorized Signatory]

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|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2110110362<br><b>Sample Reg. Date</b> :11-10-2021<br><b>Report Date</b> :16-10-2021<br><b>Report No.</b> :ICE-2110160599<br><b>NABL ULR No.</b> :TC592621000011865F<br><b>Customer Ref. No.:</b> Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

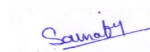
| Group : Atmospheric Pollution                                                                              |
|------------------------------------------------------------------------------------------------------------|
| 1. General Parameters                                                                                      |
| a. Particulate Matter, mg/Nm <sup>3</sup> (Corrected to 6% O <sub>2</sub> on dry basis)                    |
| b. Sulphur Dioxide (SO <sub>2</sub> ), mg/Nm <sup>3</sup> (Corrected to 6% O <sub>2</sub> on dry basis)    |
| c. Oxides of Nitrogen (NO <sub>x</sub> ), mg/Nm <sup>3</sup> (Corrected to 6% O <sub>2</sub> on dry basis) |
| d. Mercury(As Hg),mg/Nm <sup>3</sup>                                                                       |
| e. Carbon Monoxide(CO),% v/v                                                                               |
| f. Moisture, % by mass                                                                                     |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per EPA Act 1986/PCLS/2010 , Sample collected by lab rep. on dated 18.10.2021, Sampling Procedure - SOP/ITC/EW/056

**REMARKS :**N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
16-10-2021  
Reviewer

  
16-10-2021  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
Panchkula-134109 (Haryana)  
Phone : (O) 0172-2561543, 2565825  
Email : customersupport@itclabs.com  
Visit us :www.itclabs.com

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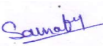
## Test Report

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|                                                                                                                 |                                                                                                                                                                                                                                                                                     |
|-----------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2110140538<br><b>Sample Reg. Date</b> :14-10-2021<br><b>Report Date</b> :20-10-2021<br><b>Report No.</b> :ICE-2110200829<br><b>NABL ULR No.</b> :TC592621000012104F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-----------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Test Report as per :</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | : EPA Act 1986/PCLS/2010                                                                                                                                                                                                                                                                                                       |
| <b>General Information :</b><br><br>Date of Monitoring<br>Time of Monitoring<br>Name of the emission source monitored<br>(a) Rated Capacity<br>(b) Capacity on sampling day<br>(c) Type of fuel used & its consumption<br>(d) Normal operating schedule<br>2. Stack Identification<br>3.Type of Stack/Duct<br>4.Stack Height from Ground Level(m)<br>Diameter of the Stack(cm)<br>(6) Sampling Duration(minutes)<br>Purpose of Monitoring<br>(8) Air Pollution control measure<br>(a) Status<br>(b) Recovery of Material<br>(9) Fugitive Emission,if any | : 14-10-2021<br>: 12:24 hrs to 12:53 hrs<br>: Stack Emission of Boiler<br>: 660 MW<br>: 400 MW<br>: Coal & 225 Ton/hr<br>: 24 hrs<br>: Stack attached to Boiler, Unit-I (at 65 meter's height)<br>: Metal<br>: 275<br>: 700<br>: 29<br>: For Self Monitoring<br>: ESP + FF + FGD + Low NOx Burner<br>: Working<br>: -<br>: Nil |
| <b>Observations :</b><br><br>Flue Gas Temperature, °C,Avg.<br>Flue Gas Velocity(m/s),Avg.<br>Volumetric Flow Rate(Nm <sup>3</sup> /hr.)<br>Ambient Air Temperature, °C                                                                                                                                                                                                                                                                                                                                                                                   | : 54<br>: 20.37<br>: 2489384.61<br>: 22                                                                                                                                                                                                                                                                                        |

| S.No. | Parameters            | Method | Specification | Result |
|-------|-----------------------|--------|---------------|--------|
|       | Discipline : Chemical |        |               |        |

  
Saurabh Sharma  
20-10-2021  
Reviewer

  
20-10-2021  
PremKumar  
[Authorized Signatory]

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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2110140538<br><b>Sample Reg. Date</b> :14-10-2021<br><b>Report Date</b> :20-10-2021<br><b>Report No.</b> :ICE-2110200829<br><b>NABL ULR No.</b> :TC592621000012104F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

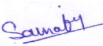
| Group : Atmospheric Pollution |                                                                                                         |                 |               |               |
|-------------------------------|---------------------------------------------------------------------------------------------------------|-----------------|---------------|---------------|
| 1. General Parameters         |                                                                                                         |                 |               |               |
| a.                            | Particulate Matter, mg/Nm <sup>3</sup> (Corrected to 6% O <sub>2</sub> on dry basis)                    | IS:11255(P-1)   | Max. 50       | 29.89         |
| b.                            | Sulphur Dioxide (SO <sub>2</sub> ), mg/Nm <sup>3</sup> (Corrected to 6% O <sub>2</sub> on dry basis)    | IS:11255(P-2)   | Max. 200      | 125.62        |
| c.                            | Oxides of Nitrogen (NO <sub>x</sub> ), mg/Nm <sup>3</sup> (Corrected to 6% O <sub>2</sub> on dry basis) | IS:11255(P-7)   | Max. 450      | 157.66        |
| d.                            | Mercury(As Hg),mg/Nm <sup>3</sup>                                                                       | USEPA Method    | Max. 0.03     | BLQ(LOQ:0.01) |
| e.                            | Carbon Monoxide(CO),% v/v                                                                               | IS:13270        | Max. 1.0      | 0.2           |
| f.                            | Moisture, % by mass                                                                                     | IS: 11255 (P-3) | Not Specified | 4.8           |

'#' represents Customer Defined Fields

**NOTE :** Not Applicable, BLQ- Below limit of quantification, LOQ- Limit of Quantification, During monitoring O<sub>2</sub> was found 6.8 % v/v. Requirement as per EPA 1986, PCLS/02/2010, S.O. 3305(E), Dated : 28.06.2018, Sample collected by lab rep. on 14.10.2021, Sampling Procedure - SOP/ITC/EW/056

**REMARKS :** N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
20-10-2021  
Reviewer

  
20-10-2021  
Prem Kumar  
[Authorized Signatory]

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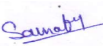
## Test Report

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|                                                     |                                               |
|-----------------------------------------------------|-----------------------------------------------|
| <b>Issued To</b>                                    | <b>Sample Reg. No.</b> :E01-2110140539        |
| Jhajjar Power Limited                               | <b>Sample Reg. Date</b> :14-10-2021           |
| Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar | <b>Report Date</b> :20-10-2021                |
| Jhajjar                                             | <b>Report No.</b> :ICE-2110200830             |
|                                                     | <b>NABL ULR No.</b> :TC592621000012094F       |
|                                                     | <b>Customer Ref. No.</b> :Order No.5030010814 |
|                                                     | <b>Letter Dated</b> :29.10.2020               |

|                                            |                                                            |
|--------------------------------------------|------------------------------------------------------------|
| <b>Test Report as per :</b>                | : EPA Act 1986/PCLS/2010                                   |
| <b>General Information :</b>               |                                                            |
| Date of Monitoring                         | : 14-10-2021                                               |
| Time of Monitoring                         | : 11:50 hrs to 12:16 hrs                                   |
| Name of the emission source monitored      | : Stack Emission of Boiler                                 |
| (a) Rated Capacity                         | : 660 MW                                                   |
| (b) Capacity on sampling day               | : 415 MW                                                   |
| (c) Type of fuel used & its consumption    | : Coal & 250 Ton/hr                                        |
| (d) Normal operating schedule              | : 24 hrs                                                   |
| 2. Stack Identification                    | : Stack attached to Boiler, Unit-II (at 65 meter's height) |
| 3.Type of Stack/Duct                       | : Metal                                                    |
| 4.Stack Height from Ground Level(m)        | : 275                                                      |
| Diameter of the Stack(cm)                  | : 700                                                      |
| (6) Sampling Duration(minutes)             | : 26                                                       |
| Purpose of Monitoring                      | : For Self Monitoring                                      |
| (8) Air Pollution control measure          | : ESP + FF + FGD + Low NOx Burner                          |
| (a) Status                                 | : Working                                                  |
| (b) Recovery of Material                   | : -                                                        |
| (9) Fugitive Emission,if any               | : Nil                                                      |
| <b>Observations :</b>                      |                                                            |
| Flue Gas Temperature, °C,Avg.              | : 47                                                       |
| Flue Gas Velocity(m/s),Avg.                | : 21.49                                                    |
| Volumetric Flow Rate(Nm <sup>3</sup> /hr.) | : 2683707.38                                               |
| Ambient Air Temperature, °C                | : 24                                                       |

| S.No. | Parameters                   | Method | Specification | Result |
|-------|------------------------------|--------|---------------|--------|
|       | <b>Discipline : Chemical</b> |        |               |        |

  
Saurabh Sharma  
20-10-2021  
Reviewer

  
20-10-2021  
PremKumar  
[Authorized Signatory]

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## Test Report

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2110140539<br><b>Sample Reg. Date</b> :14-10-2021<br><b>Report Date</b> :20-10-2021<br><b>Report No.</b> :ICE-2110200830<br><b>NABL ULR No.</b> :TC592621000012094F<br><b>Customer Ref. No.:</b> Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

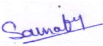
| Group : Atmospheric Pollution |                                                                                                         |                 |               |               |
|-------------------------------|---------------------------------------------------------------------------------------------------------|-----------------|---------------|---------------|
| 1. General Parameters         |                                                                                                         |                 |               |               |
| a.                            | Particulate Matter, mg/Nm <sup>3</sup> (Corrected to 6% O <sub>2</sub> on dry basis)                    | IS:11255(P-1)   | Max. 50       | 32.42         |
| b.                            | Sulphur Dioxide (SO <sub>2</sub> ), mg/Nm <sup>3</sup> (Corrected to 6% O <sub>2</sub> on dry basis)    | IS:11255(P-2)   | Max. 200      | 132.70        |
| c.                            | Oxides of Nitrogen (NO <sub>x</sub> ), mg/Nm <sup>3</sup> (Corrected to 6% O <sub>2</sub> on dry basis) | IS:11255(P-7)   | Max. 450      | 247.72        |
| d.                            | Mercury(As Hg),mg/Nm <sup>3</sup>                                                                       | USEPA Method    | Max. 0.03     | BLQ(LOQ:0.01) |
| e.                            | Carbon Monoxide(CO),% v/v                                                                               | IS:13270        | Max. 1.0      | 0.2           |
| f.                            | Moisture, % by mass                                                                                     | IS: 11255 (P-3) | Not Specified | 5.2           |

'#' represents Customer Defined Fields

**NOTE :** Not Applicable, BLQ- Below limit of quantification, LOQ- Limit of Quantification, During monitoring O<sub>2</sub> was found 6.4 % v/v. Requirement as per EPA 1986, PCLS/02/2010, S.O. 3305(E), Dated : 28.06.2018, Sample collected by lab rep. on 14.10.2021, Sampling Procedure - SOP/ITC/EW/056

**REMARKS :**N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
20-10-2021  
Reviewer

  
20-10-2021  
PremKumar  
[Authorized Signatory]

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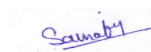
## Test Report

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|-----------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2110230793<br><b>Sample Reg. Date</b> :23-10-2021<br><b>Report Date</b> :09-11-2021<br><b>Report No.</b> :ICE-2111090233<br><b>NABL ULR No.</b> :TC592621000013045F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-----------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Test Report as per :</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | : EPA Act 1986/PCLS/2010                                                                                                                                                                                                                                                                                                       |
| <b>General Information :</b><br><br>Date of Monitoring<br>Time of Monitoring<br>Name of the emission source monitored<br>(a) Rated Capacity<br>(b) Capacity on sampling day<br>(c) Type of fuel used & its consumption<br>(d) Normal operating schedule<br>2. Stack Identification<br>3.Type of Stack/Duct<br>4.Stack Height from Ground Level(m)<br>Diameter of the Stack(cm)<br>(6) Sampling Duration(minutes)<br>Purpose of Monitoring<br>(8) Air Pollution control measure<br>(a) Status<br>(b) Recovery of Material<br>(9) Fugitive Emission,if any | : 22-10-2021<br>: 09:20 hrs to 09:44 hrs<br>: Stack Emission of Boiler<br>: 660 MW<br>: 615 MW<br>: Coal & 375 Ton/hr<br>: 24 hrs<br>: Stack attached to Boiler, Unit-I (at 65 meter's height)<br>: Metal<br>: 275<br>: 700<br>: 24<br>: For Self Monitoring<br>: ESP + FF + FGD + Low NOx Burner<br>: Working<br>: -<br>: Nil |
| <b>Observations :</b><br><br>Flue Gas Temperature, °C,Avg.<br>Flue Gas Velocity(m/s),Avg.<br>Volumetric Flow Rate(Nm <sup>3</sup> /hr.)<br>Ambient Air Temperature, °C                                                                                                                                                                                                                                                                                                                                                                                   | : 49<br>: 24.08<br>: 2992533.41<br>: 24                                                                                                                                                                                                                                                                                        |

| S.No. | Parameters                   | Method | Specification | Result |
|-------|------------------------------|--------|---------------|--------|
|       | <b>Discipline : Chemical</b> |        |               |        |

  
Saurabh Sharma  
09-11-2021  
Reviewer

  
09-11-2021  
PremKumar  
[Authorized Signatory]

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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2110230793<br><b>Sample Reg. Date</b> :23-10-2021<br><b>Report Date</b> :09-11-2021<br><b>Report No.</b> :ICE-2111090233<br><b>NABL ULR No.</b> :TC592621000013045F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

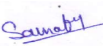
| Group : Atmospheric Pollution |                                                                                                         |                 |               |               |
|-------------------------------|---------------------------------------------------------------------------------------------------------|-----------------|---------------|---------------|
| 1. General Parameters         |                                                                                                         |                 |               |               |
| a.                            | Particulate Matter, mg/Nm <sup>3</sup> (Corrected to 6% O <sub>2</sub> on dry basis)                    | IS:11255(P-1)   | Max. 50       | 30.61         |
| b.                            | Sulphur Dioxide (SO <sub>2</sub> ), mg/Nm <sup>3</sup> (Corrected to 6% O <sub>2</sub> on dry basis)    | IS:11255(P-2)   | Max. 200      | 136.18        |
| c.                            | Oxides of Nitrogen (NO <sub>x</sub> ), mg/Nm <sup>3</sup> (Corrected to 6% O <sub>2</sub> on dry basis) | IS:11255(P-7)   | Max. 450      | 172.73        |
| d.                            | Mercury(As Hg),mg/Nm <sup>3</sup>                                                                       | USEPA Method    | Max. 0.03     | BLQ(LOQ:0.01) |
| e.                            | Carbon Monoxide(CO),% v/v                                                                               | IS:13270        | Max. 1.0      | 0.2           |
| f.                            | Moisture, % by mass                                                                                     | IS: 11255 (P-3) | Not Specified | 5.0           |

'#' represents Customer Defined Fields

**NOTE :** Not Applicable, BLQ- Below limit of quantification, LOQ- Limit of Quantification, During monitoring O<sub>2</sub> was found 6.6 % v/v. Requirement as per EPA 1986, PCLS/02/2010, S.O. 3305(E), Dated : 28.06.2018, Sample collected by lab rep. on 22.10.2021, Sampling Procedure - SOP/ITC/EW/056

**REMARKS :** N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
09-11-2021  
Reviewer

  
09-11-2021  
Prem Kumar  
[Authorized Signatory]

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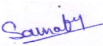
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|-----------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2110291105<br><b>Sample Reg. Date</b> :29-10-2021<br><b>Report Date</b> :08-11-2021<br><b>Report No.</b> :ICE-2111080151<br><b>NABL ULR No.</b> :TC592621000012960F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2021 |
|-----------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                               |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Test Report as per :</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | : EPA Act 1986/PCLS/2010                                                                                                                                                                                                                                                                                                                                                      |
| <b>General Information :</b><br><br>Date of Monitoring<br>Time of Monitoring<br>Name of the emission source monitored<br>(a) Rated Capacity<br>(b) Capacity on sampling day<br>(c) Type of fuel used & its consumption<br>(d) Normal operating schedule<br>2. Stack Identification<br>3.Type of Stack/Duct<br>4.Stack Height from Ground Level(m)<br>Diameter of the Stack(cm)<br>(6) Sampling Duration(minutes)<br>Purpose of Monitoring<br>(8) Air Pollution control measure<br>(a) Status<br>(b) Recovery of Material<br>(9) Fugitive Emission,if any<br><br><b>Observations :</b><br><br>Flue Gas Temperature, °C,Avg.<br>Flue Gas Velocity(m/s),Avg.<br>Volumetric Flow Rate(Nm <sup>3</sup> /hr.)<br>Ambient Air Temperature, °C | : 28-10-2021<br>: 11:30 hrs to 11:53 hrs<br>: Stack Emission of Boiler<br>: 660 MW<br>: 625 MW<br>: Coal & 380 Ton/hr<br>: 24 hrs<br>: Stack attached to Boiler, Unit-I (at 65 meter's height)<br>: Metal<br>: 275<br>: 700<br>: 23<br>: For Self Monitoring<br>: ESP + FGD + FF + Low NOx Burner<br>: Working<br>: -<br>: Nil<br><br>: 53<br>: 24.25<br>: 2903982.15<br>: 29 |

| S.No. | Parameters            | Method | Specification | Result |
|-------|-----------------------|--------|---------------|--------|
|       | Discipline : Chemical |        |               |        |

  
Saurabh Sharma  
08-11-2021  
Reviewer

  
08-11-2021  
PremKumar  
[Authorized Signatory]

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|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2110291105<br><b>Sample Reg. Date</b> :29-10-2021<br><b>Report Date</b> :08-11-2021<br><b>Report No.</b> :ICE-2111080151<br><b>NABL ULR No.</b> :TC592621000012960F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2021 |
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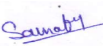
| Group : Atmospheric Pollution |                                                                                                         |                 |               |               |
|-------------------------------|---------------------------------------------------------------------------------------------------------|-----------------|---------------|---------------|
| 1. General Parameters         |                                                                                                         |                 |               |               |
| a.                            | Particulate Matter, mg/Nm <sup>3</sup> (Corrected to 6% O <sub>2</sub> on dry basis)                    | IS:11255(P-1)   | Max. 50       | 27.83         |
| b.                            | Sulphur Dioxide (SO <sub>2</sub> ), mg/Nm <sup>3</sup> (Corrected to 6% O <sub>2</sub> on dry basis)    | IS:11255(P-2)   | Max. 200      | 150.63        |
| c.                            | Oxides of Nitrogen (NO <sub>x</sub> ), mg/Nm <sup>3</sup> (Corrected to 6% O <sub>2</sub> on dry basis) | IS:11255(P-7)   | Max. 450      | 176.25        |
| d.                            | Mercury(As Hg),mg/Nm <sup>3</sup>                                                                       | USEPA Method    | Max. 0.03     | BLQ(LOQ:0.01) |
| e.                            | Carbon Monoxide(CO),% v/v                                                                               | IS:13270        | Max. 1.0      | 0.2           |
| f.                            | Moisture, % by mass                                                                                     | IS: 11255 (P-3) | Not Specified | 4.8           |

'#' represents Customer Defined Fields

**NOTE :** Not Applicable, BLQ- Below limit of quantification, LOQ- Limit of Quantification, During monitoring O<sub>2</sub> was found 6.4 % v/v. Requirement as per EPA 1986, PCLS/02/2010, S.O. 3305(E), Dated : 28.06.2018, Sample collected by lab rep. on 28.10.2021, Sampling Procedure - SOP/ITC/EW/056

**REMARKS :** N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
08-11-2021  
Reviewer

  
08-11-2021  
Prem Kumar  
[Authorized Signatory]

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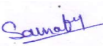
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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2110120410<br><b>Sample Reg. Date</b> :12-10-2021<br><b>Report Date</b> :20-10-2021<br><b>Report No.</b> :ICE-2110200774<br><b>NABL ULR No.</b> :TC592621000012105F<br><b>Customer Ref. No.:</b> Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                  |                               |
|----------------------------------|-------------------------------|
| <b>Test Report as per IS:</b> NA | <b>With Amendment No.(s):</b> |
|----------------------------------|-------------------------------|

### PART A : PARTICULARS OF SAMPLE SUBMITTED

|    |                                            |                                                                                    |
|----|--------------------------------------------|------------------------------------------------------------------------------------|
| a) | Nature of Sample <sup>#</sup>              | ETP Inlet Water                                                                    |
| b) | Sample Condition                           | Good                                                                               |
| c) | Grade / Variety / Type / Class / Size etc. | NA                                                                                 |
| d) | Brand Name                                 | NA                                                                                 |
| e) | Declared Values,if any                     | NA                                                                                 |
| f) | Code No.                                   |  |
| g) | Batch Number <sup>#</sup>                  | NA                                                                                 |
| h) | D.O.M <sup>#</sup>                         | NA                                                                                 |
| i) | Date of Expiry <sup>#</sup>                | NA                                                                                 |
| j) | Sample Quantity <sup>#</sup>               | 2 Ltr                                                                              |
| k) | Batch Size/Location <sup>#</sup>           | NA                                                                                 |
| l) | Mode of Packing                            | Packed in bottles                                                                  |
| m) | Date of Receipt                            | 12-10-2021                                                                         |
| n) | Date of Start                              | 12-10-2021                                                                         |
| o) | Date of Completion                         | 20-10-2021                                                                         |
| p) | Seal (Intact/Not Intact/Unsealed)          | NA                                                                                 |
| q) | IO'S Signature (Signed/Unsigned)           | Unsigned                                                                           |
| r) | Any Other Information                      | Sample collected by lab rep. on 08.10.2021                                         |
| s) | Test Request Submitted By                  | Jhajjar Power Limited-Jhajjar ( Haryana )                                          |
| t) | Manufactured By <sup>#</sup>               | NA                                                                                 |

  
Saurabh Sharma  
20-10-2021  
Reviewer

  
20-10-2021  
PremKumar  
[Authorized Signatory]

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## Test Report

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2110120410<br><b>Sample Reg. Date</b> :12-10-2021<br><b>Report Date</b> :20-10-2021<br><b>Report No.</b> :ICE-2110200774<br><b>NABL ULR No.</b> :TC592621000012105F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                  |    |
|------------------|----|
| u) Supplied By # | NA |
|------------------|----|

### PART B : SUPPLEMENTARY INFORMATIONS

|                                                                                                                                                                 |       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| a. Reference to sampling procedure, whenever applicable                                                                                                         | : N/A |
| b. Supporting documents for the measurement taken and results derived like graphs, tables, sketches and / or photographs as appropriate to test reports, if any | : N/A |
| c. Deviation from the test methods as prescribed in relevant ISS/WORK Instruments, if any                                                                       | : N/A |

| Description                                |                                                   |                                      |               |                |
|--------------------------------------------|---------------------------------------------------|--------------------------------------|---------------|----------------|
| Description                                | ETP Inlet Water                                   |                                      |               |                |
| S.No.                                      | Parameters                                        | Method                               | Specification | Result         |
| <b>Discipline : Chemical</b>               |                                                   |                                      |               |                |
| <b>Group : Pollution &amp; Environment</b> |                                                   |                                      |               |                |
| <b>1.</b>                                  | <b>General Parameters</b>                         |                                      |               |                |
| a.                                         | Colour                                            | IS:3025(Part4):1983(RA:2017)amd. no1 |               | Light Greyish  |
| b.                                         | Odour                                             | IS:3025(Part 5):1983(RA:2017)        |               | None           |
| c.                                         | pH Value                                          | IS:3025 (Part - 11):1983(RA:2017)    |               | 7.58           |
| d.                                         | Total Suspended Solids,(mg/l)                     | IS:3025(Part 17)                     |               | 80             |
| e.                                         | Total Dissolved Solids (mg/l)                     | IS:3025(Part 16):1984(RA.2006)       | -             | 410            |
| f.                                         | Chemical Oxygen Demand(mg/l)                      | APHA-23rd Edition                    |               | 109            |
| g.                                         | Bio-chemical Oxygen Demand, mg/l (3 days at 27°C) | IS:3025(P-44)                        |               | 34             |
| h.                                         | Oil & Grease(mg/l)                                | IS:3025(P-39)                        |               | 0.6            |
| i.                                         | Zinc(As Zn)(mg/l)                                 | IS: 3025 (P-2)                       |               | BLQ (LOQ:0.05) |
| j.                                         | Arsenic(as As)(mg/l)                              | IS: 3025 (P-2)                       |               | BLQ (LOQ:0.05) |

*Saurabh Sharma*  
Saurabh Sharma  
20-10-2021  
Reviewer

*Prem Kumar*  
20-10-2021  
Prem Kumar  
[Authorized Signatory]

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## Test Report

Document QF : 2501

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2110120410<br><b>Sample Reg. Date</b> :12-10-2021<br><b>Report Date</b> :20-10-2021<br><b>Report No.</b> :ICE-2110200774<br><b>NABL ULR No.</b> :TC592621000012105F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

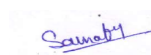
|    |                               |                                        |  |                |
|----|-------------------------------|----------------------------------------|--|----------------|
| k. | Total Chromium as Cr (mg/l)   | IS: 3025 (P-2)                         |  | BLQ (LOQ:0.05) |
| l. | Cyanide as CN, (mg/l)         | IS:3025(P-27)                          |  | Absent         |
| m. | Iron(as Fe)(mg/l)             | IS: 3025 (P-2)                         |  | BLQ (LOQ:0.05) |
| n. | Temperature(°C)               | IS: 3025 (P-9)                         |  | 25.2           |
| o. | Free Residual Chlorine (mg/l) | IS:3025(Part 26):1986(RA:2014)amd no 1 |  | BLQ(LOQ:1.0)   |
| p. | Phosphate as P (mg/l)         | APHA-23rd Edition                      |  | 1.2            |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Sampling Procedure - SOP/ITC/EW/030, Purpose - For Self monitoring

**REMARKS :**N/A

**\*\*\*\*\*End Of Report\*\*\*\*\***

  
Saurabh Sharma  
20-10-2021  
Reviewer

  
20-10-2021  
PremKumar  
[Authorized Signatory]

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## Test Report

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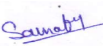
Page 1 of 3

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2110120412<br><b>Sample Reg. Date</b> :12-10-2021<br><b>Report Date</b> :22-10-2021<br><b>Report No.</b> :ICE-2110220896<br><b>NABL ULR No.</b> :TC592621000012281F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                      |                               |
|------------------------------------------------------|-------------------------------|
| <b>Test Report as per IS:</b> EPA Act 1986/PCLS/2010 | <b>With Amendment No.(s):</b> |
|------------------------------------------------------|-------------------------------|

### PART A : PARTICULARS OF SAMPLE SUBMITTED

|    |                                            |                                                                                    |
|----|--------------------------------------------|------------------------------------------------------------------------------------|
| a) | Nature of Sample <sup>#</sup>              | ETP Outlet Water                                                                   |
| b) | Sample Condition                           | Good                                                                               |
| c) | Grade / Variety / Type / Class / Size etc. | NA                                                                                 |
| d) | Brand Name                                 | NA                                                                                 |
| e) | Declared Values,if any                     | NA                                                                                 |
| f) | Code No.                                   |  |
| g) | Batch Number <sup>#</sup>                  | NA                                                                                 |
| h) | D.O.M <sup>#</sup>                         | NA                                                                                 |
| i) | Date of Expiry <sup>#</sup>                | NA                                                                                 |
| j) | Sample Quantity <sup>#</sup>               | 2+5 Ltr                                                                            |
| k) | Batch Size/Location <sup>#</sup>           | NA                                                                                 |
| l) | Mode of Packing                            | Packed in bottles & in can                                                         |
| m) | Date of Receipt                            | 12-10-2021                                                                         |
| n) | Date of Start                              | 12-10-2021                                                                         |
| o) | Date of Completion                         | 22-10-2021                                                                         |
| p) | Seal (Intact/Not Intact/Unsealed)          | NA                                                                                 |
| q) | IO'S Signature (Signed/Unsigned)           | Unsigned                                                                           |
| r) | Any Other Information                      | Sample collected by lab rep. on 08.10.2021                                         |
| s) | Test Request Submitted By                  | Jhajjar Power Limited-Jhajjar ( Haryana )                                          |
| t) | Manufactured By <sup>#</sup>               | NA                                                                                 |

  
Saurabh Sharma  
22-10-2021  
Reviewer

  
22-10-2021  
PremKumar  
[Authorized Signatory]

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## Test Report

Document QF : 2501

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2110120412<br><b>Sample Reg. Date</b> :12-10-2021<br><b>Report Date</b> :22-10-2021<br><b>Report No.</b> :ICE-2110220896<br><b>NABL ULR No.</b> :TC592621000012281F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                  |    |
|------------------|----|
| u) Supplied By # | NA |
|------------------|----|

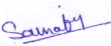
### PART B : SUPPLEMENTARY INFORMATIONS

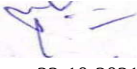
|                                                                                                                                                                 |       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| a. Reference to sampling procedure, whenever applicable                                                                                                         | : N/A |
| b. Supporting documents for the measurement taken and results derived like graphs, tables, sketches and / or photographs as appropriate to test reports, if any | : N/A |
| c. Deviation from the test methods as prescribed in relevant ISS/WORK Instruments, if any                                                                       | : N/A |

### Description

|             |                  |
|-------------|------------------|
| Description | ETP Outlet Water |
|-------------|------------------|

| S.No.     | Parameters                                        | Method                               | Specification | Result         |
|-----------|---------------------------------------------------|--------------------------------------|---------------|----------------|
|           | <b>Discipline : Chemical</b>                      |                                      |               |                |
|           | <b>Group : Pollution &amp; Environment</b>        |                                      |               |                |
| <b>1.</b> | <b>General Parameters</b>                         |                                      |               |                |
| a.        | Colour                                            | IS:3025(Part4):1983(RA:2017)amd. no1 | Not Specified | Colourless     |
| b.        | Odour                                             | IS:3025(Part 5):1983(RA:2017)        | Not Specified | None           |
| c.        | pH Value                                          | IS:3025 (Part - 11):1983(RA:2017)    | 5.5-9         | 7.17           |
| d.        | Total Suspended Solids,(mg/l)                     | IS:3025(Part 17)                     | Max. 100      | 2              |
| e.        | Total Dissolved Solids (mg/l)                     | IS:3025(Part 16):1984(RA.2006)       | Max. 2100--   | 401            |
| f.        | Chemical Oxygen Demand(mg/l)                      | APHA-23rd Edition                    | Max. 250      | 4              |
| g.        | Bio-chemical Oxygen Demand, mg/l (3 days at 27°C) | IS:3025(P-44)                        | Max. 30       | 1              |
| h.        | Oil & Grease(mg/l)                                | IS:3025(P-39)                        | Max. 10       | <0.1           |
| i.        | Zinc(As Zn)(mg/l)                                 | IS: 3025 (P-2)                       | Max. 5.0      | BLQ (LOQ:0.05) |
| j.        | Arsenic(as As)(mg/l)                              | IS: 3025 (P-2)                       | Max. 0.2      | BLQ (LOQ:0.05) |

  
Saurabh Sharma  
22-10-2021  
Reviewer

  
22-10-2021  
PremKumar  
[Authorized Signatory]

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## Test Report

Document QF : 2501

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2110120412<br><b>Sample Reg. Date</b> :12-10-2021<br><b>Report Date</b> :22-10-2021<br><b>Report No.</b> :ICE-2110220896<br><b>NABL ULR No.</b> :TC592621000012281F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

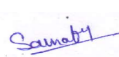
|    |                               |                   |                                                                             |                                                      |
|----|-------------------------------|-------------------|-----------------------------------------------------------------------------|------------------------------------------------------|
| k. | Total Chromium as Cr (mg/l)   | IS: 3025 (P-2)    | Max. 2.0                                                                    | BLQ (LOQ:0.05)                                       |
| l. | Cyanide as CN, (mg/l)         | IS:3025(P-27)     | Max. 0.2                                                                    | Absent                                               |
| m. | Iron(as Fe)(mg/l)             | IS: 3025 (P-2)    | Max. 3.0                                                                    | BLQ (LOQ:0.05)                                       |
| n. | Bio Assay Test                | IS:6582-1971      | Minimum 90 % survival of fish was observed after 96 hours in 100 % effluent | 90% survival of fish after 96 hours in 100% effluent |
| o. | Temperature(°C)               | IS: 3025 (P-9)    |                                                                             | 26.1                                                 |
| p. | Free Residual Chlorine (mg/l) | IS:3025(P-26)     | Max. 1.0                                                                    | BLQ(LOQ:1.0)                                         |
| q. | Phosphate as P (mg/l)         | APHA-23rd Edition | Not Specified                                                               | BLQ(LOQ:0.1)                                         |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per EPA Act 1986/PCLS/2010, Sampling Procedure - SOP/ITC/EW/030, Purpose - For Self monitoring

**REMARKS :**N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
22-10-2021  
Reviewer

  
22-10-2021  
PremKumar  
[Authorized Signatory]

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## Test Report

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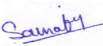
Page 1 of 3

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2110120418<br><b>Sample Reg. Date</b> :12-10-2021<br><b>Report Date</b> :18-10-2021<br><b>Report No.</b> :ICE-2110180676<br><b>NABL ULR No.</b> :TC592621000011938F<br><b>Customer Ref. No.:</b> Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                  |                               |
|----------------------------------|-------------------------------|
| <b>Test Report as per IS:</b> NA | <b>With Amendment No.(s):</b> |
|----------------------------------|-------------------------------|

### PART A : PARTICULARS OF SAMPLE SUBMITTED

|    |                                            |                                                                                    |
|----|--------------------------------------------|------------------------------------------------------------------------------------|
| a) | Nature of Sample <sup>#</sup>              | STP Inlet Water (Plant)                                                            |
| b) | Sample Condition                           | Good                                                                               |
| c) | Grade / Variety / Type / Class / Size etc. | NA                                                                                 |
| d) | Brand Name                                 | NA                                                                                 |
| e) | Declared Values,if any                     | NA                                                                                 |
| f) | Code No.                                   |  |
| g) | Batch Number <sup>#</sup>                  | NA                                                                                 |
| h) | D.O.M <sup>#</sup>                         | NA                                                                                 |
| i) | Date of Expiry <sup>#</sup>                | NA                                                                                 |
| j) | Sample Quantity <sup>#</sup>               | 2 Ltr                                                                              |
| k) | Batch Size/Location <sup>#</sup>           | NA                                                                                 |
| l) | Mode of Packing                            | Packed in bottles                                                                  |
| m) | Date of Receipt                            | 12-10-2021                                                                         |
| n) | Date of Start                              | 12-10-2021                                                                         |
| o) | Date of Completion                         | 18-10-2021                                                                         |
| p) | Seal (Intact/Not Intact/Unsealed)          | NA                                                                                 |
| q) | IO'S Signature (Signed/Unsigned)           | Unsigned                                                                           |
| r) | Any Other Information                      | Sample collected by lab rep. on 08.10.2021                                         |
| s) | Test Request Submitted By                  | Jhajjar Power Limited-Jhajjar ( Haryana )                                          |
| t) | Manufactured By <sup>#</sup>               | NA                                                                                 |

  
Saurabh Sharma  
18-10-2021  
Reviewer

  
18-10-2021  
PremKumar  
[Authorized Signatory]

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## Test Report

Document QF : 2501

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2110120418<br><b>Sample Reg. Date</b> :12-10-2021<br><b>Report Date</b> :18-10-2021<br><b>Report No.</b> :ICE-2110180676<br><b>NABL ULR No.</b> :TC592621000011938F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                  |    |
|------------------|----|
| u) Supplied By # | NA |
|------------------|----|

### PART B : SUPPLEMENTARY INFORMATIONS

|                                                                                                                                                                 |       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| a. Reference to sampling procedure, whenever applicable                                                                                                         | : N/A |
| b. Supporting documents for the measurement taken and results derived like graphs, tables, sketches and / or photographs as appropriate to test reports, if any | : N/A |
| c. Deviation from the test methods as prescribed in relevant ISS/WORK Instruments, if any                                                                       | : N/A |

### Description

|             |                         |
|-------------|-------------------------|
| Description | STP Inlet Water (Plant) |
|-------------|-------------------------|

| S.No.     | Parameters                                        | Method                               | Specification | Result  |
|-----------|---------------------------------------------------|--------------------------------------|---------------|---------|
|           | <b>Discipline : Chemical</b>                      |                                      |               |         |
|           | <b>Group : Pollution &amp; Environment</b>        |                                      |               |         |
| <b>1.</b> | <b>General Parameters</b>                         |                                      |               |         |
| a.        | Colour                                            | IS:3025(Part4):1983(RA:2017)amd. no1 |               | Greyish |
| b.        | Odour                                             | IS:3025(Part 5):1983(RA:2017)        |               | Musty   |
| c.        | pH Value                                          | IS:3025 (Part - 11):1983(RA:2017)    |               | 7.01    |
| d.        | Total Suspended Solids,(mg/l)                     | IS:3025(Part 17)                     |               | 180     |
| e.        | Total Dissolved Solids (mg/l)                     | IS:3025(Part 16):1984(RA.2006)       | -             | 374     |
| f.        | Chemical Oxygen Demand(mg/l)                      | APHA-23rd Edition                    |               | 105     |
| g.        | Bio-chemical Oxygen Demand, mg/l (3 days at 27°C) | IS:3025(P-44)                        |               | 34      |
| h.        | Oil & Grease(mg/l)                                | IS:3025(P-39)                        |               | 10.6    |

*Saurabh*  
Saurabh Sharma  
18-10-2021  
Reviewer

*PremKumar*  
18-10-2021  
PremKumar  
[Authorized Signatory]

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## Test Report

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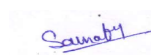
|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2110120418<br><b>Sample Reg. Date</b> :12-10-2021<br><b>Report Date</b> :18-10-2021<br><b>Report No.</b> :ICE-2110180676<br><b>NABL ULR No.</b> :TC592621000011938F<br><b>Customer Ref. No.:</b> Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
| i. Free Residual Chlorine (mg/l)                                                                            | IS:3025(Part 26):1986(RA:2014)amd no 1<br>BLQ(LOQ:1.0)                                                                                                                                                                                                                              |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, Sampling Procedure - SOP/ITC/EW/030, Purpose - For Self monitoring

**REMARKS :**N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
18-10-2021  
Reviewer

  
18-10-2021  
PremKumar  
[Authorized Signatory]

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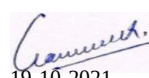
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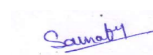
|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2110120419<br><b>Sample Reg. Date</b> :12-10-2021<br><b>Report Date</b> :20-10-2021<br><b>Report No.</b> :ICE-2110200776<br><b>NABL ULR No.</b> :TC592621000012107F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                 |                               |
|---------------------------------|-------------------------------|
| <b>Test Report as per IS:NA</b> | <b>With Amendment No.(s):</b> |
|---------------------------------|-------------------------------|

### PART A : PARTICULARS OF SAMPLE SUBMITTED

|    |                                            |                                                                                    |
|----|--------------------------------------------|------------------------------------------------------------------------------------|
| a) | Nature of Sample <sup>#</sup>              | STP Inlet Water (Plant).                                                           |
| b) | Sample Condition                           | Good                                                                               |
| c) | Grade / Variety / Type / Class / Size etc. | NA                                                                                 |
| d) | Brand Name                                 | NA                                                                                 |
| e) | Declared Values,if any                     | NA                                                                                 |
| f) | Code No.                                   |  |
| g) | Batch Number <sup>#</sup>                  | NA                                                                                 |
| h) | D.O.M <sup>#</sup>                         | NA                                                                                 |
| i) | Date of Expiry <sup>#</sup>                | NA                                                                                 |
| j) | Sample Quantity <sup>#</sup>               | 1 Ltr                                                                              |
| k) | Batch Size/Location <sup>#</sup>           | NA                                                                                 |
| l) | Mode of Packing                            | Packed in can                                                                      |
| m) | Date of Receipt                            | 12-10-2021                                                                         |
| n) | Date of Start                              | 12-10-2021                                                                         |
| o) | Date of Completion                         | 20-10-2021                                                                         |
| p) | Seal (Intact/Not Intact/Unsealed)          | NA                                                                                 |
| q) | IO'S Signature (Signed/Unsigned)           | Unsigned                                                                           |
| r) | Any Other Information                      | Sample collected by lab rep. on 08.10.2021                                         |
| s) | Test Request Submitted By                  | Jhajjar Power Limited-Jhajjar ( Haryana )                                          |
| t) | Manufactured By <sup>#</sup>               | NA                                                                                 |

  
19-10-2021  
**Gaurav Khandelwal**  
[Authorized Signatory]

  
Saurabh Sharma  
20-10-2021  
**Reviewer**

  
20-10-2021  
**PremKumar**  
[Authorized Signatory]

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## Test Report

Document QF : 2501

Page 2 of 3

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2110120419<br><b>Sample Reg. Date</b> :12-10-2021<br><b>Report Date</b> :20-10-2021<br><b>Report No.</b> :ICE-2110200776<br><b>NABL ULR No.</b> :TC592621000012107F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                  |    |
|------------------|----|
| u) Supplied By # | NA |
|------------------|----|

### PART B : SUPPLEMENTARY INFORMATIONS

|                                                                                                                                                                 |       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| a. Reference to sampling procedure, whenever applicable                                                                                                         | : N/A |
| b. Supporting documents for the measurement taken and results derived like graphs, tables, sketches and / or photographs as appropriate to test reports, if any | : N/A |
| c. Deviation from the test methods as prescribed in relevant ISS/WORK Instruments, if any                                                                       | : N/A |

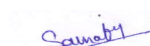
### Description

|             |                          |
|-------------|--------------------------|
| Description | STP Inlet Water (Plant). |
|-------------|--------------------------|

| S.No. | Parameters                                 | Method                   | Specification | Result       |
|-------|--------------------------------------------|--------------------------|---------------|--------------|
|       | <b>Discipline : Chemical</b>               |                          |               |              |
|       | <b>Group : Pollution &amp; Environment</b> |                          |               |              |
| 1.    | <b>General Parameters</b>                  |                          |               |              |
| a.    | Nitrate as NO <sub>3</sub> (mg/l)          | IS:3025(P-34)            |               | 1.2          |
| b.    | Calcium(as Ca)(mg/l)                       | IS:3025(P-40)            | -             | 40           |
| c.    | Magnesium as Mg(mg/l)                      | IS:3025(Part-46)         | -             | 16           |
| d.    | Sodium(as Na)(mg/l)                        | IS:3025(P-45)            | -             | 64.3         |
| e.    | Potassium as K,(mg/l)                      | IS:3025(P-45)            |               | 13.2         |
| f.    | Phosphate as PO <sub>4</sub> (mg/l)        | APHA-23rd Edition        |               | BLQ(LOQ:0.1) |
|       | <b>Discipline : Biological</b>             |                          |               |              |
|       | <b>Group : Pollution &amp; Environment</b> |                          |               |              |
| 1.    | <b>Microbiological Tests</b>               |                          |               |              |
| a.    | Faecal Coliforms, (MPN/100ml)              | APHA-23 rd Edn 17-9221 F |               | 2243         |
| b.    | E.coli, (MPN/100ml)                        | APHA-23 rd Edn 17-9221 F |               | 1100         |

  
19-10-2021

Gaurav Khandelwal  
[Authorized Signatory]

  
20-10-2021

Saurabh Sharma  
20-10-2021  
Reviewer

  
20-10-2021

PremKumar  
[Authorized Signatory]

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## Test Report

Document QF : 2501

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2110120419<br><b>Sample Reg. Date</b> :12-10-2021<br><b>Report Date</b> :20-10-2021<br><b>Report No.</b> :ICE-2110200776<br><b>NABL ULR No.</b> :TC592621000012107F<br><b>Customer Ref. No.:</b> Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

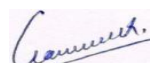
|    |                            |                          |      |
|----|----------------------------|--------------------------|------|
| c. | Total Coliform (MPN/100ml) | APHA-23 rd Edn 17-9221 F | 7627 |
|----|----------------------------|--------------------------|------|

'#' represents Customer Defined Fields

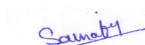
**NOTE** : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Sampling Procedure - SOP/ITC/EW/030, Purpose - For Self monitoring

**REMARKS** :N/A

\*\*\*\*\*End Of Report\*\*\*\*\*



19-10-2021  
Gaurav Khandelwal  
[Authorized Signatory]



Saurabh Sharma  
20-10-2021  
Reviewer



20-10-2021  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
Panchkula-134109 (Haryana)  
Phone : (O) 0172-2561543, 2565825  
Email : customersupport@itclabs.com  
Visit us :www.itclabs.com

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## Test Report

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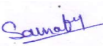
Page 1 of 3

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2110120420<br><b>Sample Reg. Date</b> :12-10-2021<br><b>Report Date</b> :18-10-2021<br><b>Report No.</b> :ICE-2110180677<br><b>NABL ULR No.</b> :TC592621000011960F<br><b>Customer Ref. No.:</b> Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                      |                               |
|------------------------------------------------------|-------------------------------|
| <b>Test Report as per IS:</b> EPA Act 1986/PCLS/2010 | <b>With Amendment No.(s):</b> |
|------------------------------------------------------|-------------------------------|

### PART A : PARTICULARS OF SAMPLE SUBMITTED

|    |                                            |                                                                                    |
|----|--------------------------------------------|------------------------------------------------------------------------------------|
| a) | Nature of Sample <sup>#</sup>              | STP Outlet Water (Plant)                                                           |
| b) | Sample Condition                           | Good                                                                               |
| c) | Grade / Variety / Type / Class / Size etc. | NA                                                                                 |
| d) | Brand Name                                 | NA                                                                                 |
| e) | Declared Values,if any                     | NA                                                                                 |
| f) | Code No.                                   |  |
| g) | Batch Number <sup>#</sup>                  | NA                                                                                 |
| h) | D.O.M <sup>#</sup>                         | NA                                                                                 |
| i) | Date of Expiry <sup>#</sup>                | NA                                                                                 |
| j) | Sample Quantity <sup>#</sup>               | 2 Ltr                                                                              |
| k) | Batch Size/Location <sup>#</sup>           | NA                                                                                 |
| l) | Mode of Packing                            | Packed in bottles                                                                  |
| m) | Date of Receipt                            | 12-10-2021                                                                         |
| n) | Date of Start                              | 12-10-2021                                                                         |
| o) | Date of Completion                         | 18-10-2021                                                                         |
| p) | Seal (Intact/Not Intact/Unsealed)          | NA                                                                                 |
| q) | IO'S Signature (Signed/Unsigned)           | Unsigned                                                                           |
| r) | Any Other Information                      | Sample collected by lab rep. on 08.10.2021                                         |
| s) | Test Request Submitted By                  | Jhajjar Power Limited-Jhajjar ( Haryana )                                          |
| t) | Manufactured By <sup>#</sup>               | NA                                                                                 |

  
Saurabh Sharma  
18-10-2021  
Reviewer

  
18-10-2021  
PremKumar  
[Authorized Signatory]

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## Test Report

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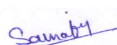
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|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2110120420<br><b>Sample Reg. Date</b> :12-10-2021<br><b>Report Date</b> :18-10-2021<br><b>Report No.</b> :ICE-2110180677<br><b>NABL ULR No.</b> :TC592621000011960F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                  |    |
|------------------|----|
| u) Supplied By # | NA |
|------------------|----|

### PART B : SUPPLEMENTARY INFORMATIONS

|                                                                                                                                                                 |       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| a. Reference to sampling procedure, whenever applicable                                                                                                         | : N/A |
| b. Supporting documents for the measurement taken and results derived like graphs, tables, sketches and / or photographs as appropriate to test reports, if any | : N/A |
| c. Deviation from the test methods as prescribed in relevant ISS/WORK Instruments, if any                                                                       | : N/A |

| Description                                |                                                   |                                      |               |              |
|--------------------------------------------|---------------------------------------------------|--------------------------------------|---------------|--------------|
| Description                                |                                                   | STP Outlet Water (Plant)             |               |              |
| S.No.                                      | Parameters                                        | Method                               | Specification | Result       |
| <b>Discipline : Chemical</b>               |                                                   |                                      |               |              |
| <b>Group : Pollution &amp; Environment</b> |                                                   |                                      |               |              |
| <b>1.</b>                                  | <b>General Parameters</b>                         |                                      |               |              |
| a.                                         | Colour                                            | IS:3025(Part4):1983(RA:2017)amd. no1 | Not Specified | Colourless   |
| b.                                         | Odour                                             | IS:3025(Part 5):1983(RA:2017)        | Not Specified | None         |
| c.                                         | pH Value                                          | IS:3025 (Part - 11):1983(RA:2017)    | 6.5-9         | 7.40         |
| d.                                         | Total Suspended Solids,(mg/l)                     | IS:3025(Part 17)                     | Max. 100      | 12           |
| e.                                         | Total Dissolved Solids (mg/l)                     | IS:3025(Part 16):1984(RA.2006)       | Not Specified | 434          |
| f.                                         | Chemical Oxygen Demand(mg/l)                      | APHA-23rd Edition                    | Not Specified | 16           |
| g.                                         | Bio-chemical Oxygen Demand, mg/l (3 days at 27°C) | IS:3025(P-44)                        | Max. 30       | 5            |
| h.                                         | Oil & Grease(mg/l)                                | IS:3025(P-39)                        | Max. 10       | <0.1         |
| i.                                         | Free Residual Chlorine (mg/l)                     | IS:3025(P-26)                        | Max. 1.0      | BLQ(LOQ:1.0) |

  
Saurabh Sharma  
18-10-2021  
Reviewer

  
18-10-2021  
PremKumar  
[Authorized Signatory]

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## Test Report

Document QF : 2501

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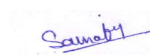
|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2110120420<br><b>Sample Reg. Date</b> :12-10-2021<br><b>Report Date</b> :18-10-2021<br><b>Report No.</b> :ICE-2110180677<br><b>NABL ULR No.</b> :TC592621000011960F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per EPA Act 1986/PCLS/2010, Sampling Procedure - SOP/ITC/EW/030, Purpose - For Self monitoring

**REMARKS :**N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
18-10-2021  
Reviewer

  
18-10-2021  
PremKumar  
[Authorized Signatory]

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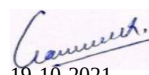
Page 1 of 3

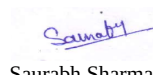
|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2110120421<br><b>Sample Reg. Date</b> :12-10-2021<br><b>Report Date</b> :20-10-2021<br><b>Report No.</b> :ICE-2110200779<br><b>NABL ULR No.</b> :TC592621000012095F<br><b>Customer Ref. No.:</b> Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                      |                               |
|------------------------------------------------------|-------------------------------|
| <b>Test Report as per IS:</b> EPA Act 1986/PCLS/2010 | <b>With Amendment No.(s):</b> |
|------------------------------------------------------|-------------------------------|

### PART A : PARTICULARS OF SAMPLE SUBMITTED

|    |                                            |                                                                                    |
|----|--------------------------------------------|------------------------------------------------------------------------------------|
| a) | Nature of Sample <sup>#</sup>              | STP Outlet Water (Plant).                                                          |
| b) | Sample Condition                           | Good                                                                               |
| c) | Grade / Variety / Type / Class / Size etc. | NA                                                                                 |
| d) | Brand Name                                 | NA                                                                                 |
| e) | Declared Values,if any                     | NA                                                                                 |
| f) | Code No.                                   |  |
| g) | Batch Number <sup>#</sup>                  | NA                                                                                 |
| h) | D.O.M <sup>#</sup>                         | NA                                                                                 |
| i) | Date of Expiry <sup>#</sup>                | NA                                                                                 |
| j) | Sample Quantity <sup>#</sup>               | 1 Ltr                                                                              |
| k) | Batch Size/Location <sup>#</sup>           | NA                                                                                 |
| l) | Mode of Packing                            | Packed in can                                                                      |
| m) | Date of Receipt                            | 12-10-2021                                                                         |
| n) | Date of Start                              | 12-10-2021                                                                         |
| o) | Date of Completion                         | 20-10-2021                                                                         |
| p) | Seal (Intact/Not Intact/Unsealed)          | NA                                                                                 |
| q) | IO'S Signature (Signed/Unsigned)           | Unsigned                                                                           |
| r) | Any Other Information                      | Sample collected by lab rep. on 08.10.2021                                         |
| s) | Test Request Submitted By                  | Jhajjar Power Limited-Jhajjar ( Haryana )                                          |
| t) | Manufactured By <sup>#</sup>               | NA                                                                                 |

  
19-10-2021  
**Gaurav Khandelwal**  
[Authorized Signatory]

  
Saurabh Sharma  
20-10-2021  
**Reviewer**

  
20-10-2021  
**PremKumar**  
[Authorized Signatory]

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## Test Report

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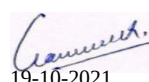
|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2110120421<br><b>Sample Reg. Date</b> :12-10-2021<br><b>Report Date</b> :20-10-2021<br><b>Report No.</b> :ICE-2110200779<br><b>NABL ULR No.</b> :TC592621000012095F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                  |    |
|------------------|----|
| u) Supplied By # | NA |
|------------------|----|

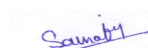
### PART B : SUPPLEMENTARY INFORMATIONS

|                                                                                                                                                                 |       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| a. Reference to sampling procedure, whenever applicable                                                                                                         | : N/A |
| b. Supporting documents for the measurement taken and results derived like graphs, tables, sketches and / or photographs as appropriate to test reports, if any | : N/A |
| c. Deviation from the test methods as prescribed in relevant ISS/WORK Instruments, if any                                                                       | : N/A |

| Description                                |                                      |                           |               |              |
|--------------------------------------------|--------------------------------------|---------------------------|---------------|--------------|
| Description                                |                                      | STP Outlet Water (Plant). |               |              |
| S.No.                                      | Parameters                           | Method                    | Specification | Result       |
| <b>Discipline : Chemical</b>               |                                      |                           |               |              |
| <b>Group : Pollution &amp; Environment</b> |                                      |                           |               |              |
| <b>1.</b>                                  | <b>General Parameters</b>            |                           |               |              |
| a.                                         | Nitrate as NO <sub>3</sub> (mg/l)    | IS 3025 (Part 34)         | Max. 10       | BLQ(LOQ:1.0) |
| b.                                         | Calcium(as Ca)(mg/l)                 | IS:3025(P-40)             | Not Specified | 42           |
| c.                                         | Magnesium as Mg(mg/l)                | IS: 3025 (P-46)           | Not Specified | 13           |
| d.                                         | Sodium(as Na)(mg/l)                  | IS:3025(P-45)             | Not Specified | 72.6         |
| e.                                         | Potassium as K,(mg/l)                | IS:3025(P-45)             | Not Specified | 12.7         |
| f.                                         | Phosphate(as PO <sub>4</sub> ), mg/L | APHA-23rd Edition         | Max. 5.0      | BLQ(LOQ:0.1) |
| <b>Discipline : Biological</b>             |                                      |                           |               |              |
| <b>Group : Pollution &amp; Environment</b> |                                      |                           |               |              |
| <b>1.</b>                                  | <b>Microbiological Tests</b>         |                           |               |              |
| a.                                         | Faecal Coliform, MPN/100ml           | APHA-23 rd Edn 17-9221 F  | Max. 1000     | <1.8         |
| b.                                         | E.coli, (MPN/100ml)                  | APHA 23rd Edn 17-9221 E   | Not Specified | <1.8         |

  
19-10-2021

Gaurav Khandelwal  
[Authorized Signatory]

  
Saurabh Sharma

20-10-2021  
Reviewer

  
20-10-2021

PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
Panchkula-134109 (Haryana)  
Phone : (O) 0172-2561543, 2565825  
Email : customersupport@itclabs.com  
Visit us :www.itclabs.com

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## Test Report

Document QF : 2501

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2110120421<br><b>Sample Reg. Date</b> :12-10-2021<br><b>Report Date</b> :20-10-2021<br><b>Report No.</b> :ICE-2110200779<br><b>NABL ULR No.</b> :TC592621000012095F<br><b>Customer Ref. No.:</b> Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

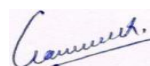
|    |                            |                          |               |    |
|----|----------------------------|--------------------------|---------------|----|
| c. | Total Coliform (MPN/100ml) | APHA-23 rd Edn 17-9221 F | Not Specified | 79 |
|----|----------------------------|--------------------------|---------------|----|

'#' represents Customer Defined Fields

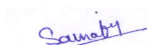
**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per EPA Act 1986/PCLS/2010, Sampling Procedure - SOP/ITC/EW/030, Purpose - For Self monitoring,

**REMARKS :**N/A

\*\*\*\*\*End Of Report\*\*\*\*\*



19-10-2021  
Gaurav Khandelwal  
[Authorized Signatory]



Saurabh Sharma  
20-10-2021  
Reviewer



20-10-2021  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
Panchkula-134109 (Haryana)  
Phone : (O) 0172-2561543, 2565825  
Email : customersupport@itclabs.com  
Visit us :www.itclabs.com

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## Test Report

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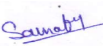
Page 1 of 3

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2110120414<br><b>Sample Reg. Date</b> :12-10-2021<br><b>Report Date</b> :18-10-2021<br><b>Report No.</b> :ICE-2110180674<br><b>NABL ULR No.</b> :TC592621000011932F<br><b>Customer Ref. No.:</b> Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                  |                               |
|----------------------------------|-------------------------------|
| <b>Test Report as per IS:</b> NA | <b>With Amendment No.(s):</b> |
|----------------------------------|-------------------------------|

### PART A : PARTICULARS OF SAMPLE SUBMITTED

|    |                                            |                                                                                    |
|----|--------------------------------------------|------------------------------------------------------------------------------------|
| a) | Nature of Sample #                         | STP Inlet Water (Township)                                                         |
| b) | Sample Condition                           | Good                                                                               |
| c) | Grade / Variety / Type / Class / Size etc. | NA                                                                                 |
| d) | Brand Name                                 | NA                                                                                 |
| e) | Declared Values,if any                     | NA                                                                                 |
| f) | Code No.                                   |  |
| g) | Batch Number #                             | NA                                                                                 |
| h) | D.O.M #                                    | NA                                                                                 |
| i) | Date of Expiry #                           | NA                                                                                 |
| j) | Sample Quantity #                          | 2 Ltr                                                                              |
| k) | Batch Size/Location #                      | NA                                                                                 |
| l) | Mode of Packing                            | Packed in bottles                                                                  |
| m) | Date of Receipt                            | 12-10-2021                                                                         |
| n) | Date of Start                              | 12-10-2021                                                                         |
| o) | Date of Completion                         | 18-10-2021                                                                         |
| p) | Seal (Intact/Not Intact/Unsealed)          | NA                                                                                 |
| q) | IO'S Signature (Signed/Unsigned)           | Unsigned                                                                           |
| r) | Any Other Information                      | Sample collected by lab rep. on 08.10.2021                                         |
| s) | Test Request Submitted By                  | Jhajjar Power Limited-Jhajjar ( Haryana )                                          |
| t) | Manufactured By #                          | NA                                                                                 |

  
Saurabh Sharma  
18-10-2021  
Reviewer

  
18-10-2021  
PremKumar  
[Authorized Signatory]

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## Test Report

Document QF : 2501

Page 2 of 3

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2110120414<br><b>Sample Reg. Date</b> :12-10-2021<br><b>Report Date</b> :18-10-2021<br><b>Report No.</b> :ICE-2110180674<br><b>NABL ULR No.</b> :TC592621000011932F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                  |    |
|------------------|----|
| u) Supplied By # | NA |
|------------------|----|

### PART B : SUPPLEMENTARY INFORMATIONS

|                                                                                                                                                                 |       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| a. Reference to sampling procedure, whenever applicable                                                                                                         | : N/A |
| b. Supporting documents for the measurement taken and results derived like graphs, tables, sketches and / or photographs as appropriate to test reports, if any | : N/A |
| c. Deviation from the test methods as prescribed in relevant ISS/WORK Instruments, if any                                                                       | : N/A |

### Description

|             |                            |
|-------------|----------------------------|
| Description | STP Inlet Water (Township) |
|-------------|----------------------------|

| S.No.     | Parameters                                        | Method                               | Specification | Result  |
|-----------|---------------------------------------------------|--------------------------------------|---------------|---------|
|           | <b>Discipline : Chemical</b>                      |                                      |               |         |
|           | <b>Group : Pollution &amp; Environment</b>        |                                      |               |         |
| <b>1.</b> | <b>General Parameters</b>                         |                                      |               |         |
| a.        | Colour                                            | IS:3025(Part4):1983(RA:2017)amd. no1 |               | Greyish |
| b.        | Odour                                             | IS:3025(Part 5):1983(RA:2017)        |               | Mild    |
| c.        | pH Value                                          | IS:3025 (Part - 11):1983(RA:2017)    |               | 7.22    |
| d.        | Total Suspended Solids,(mg/l)                     | IS:3025(Part 17)                     |               | 118     |
| e.        | Total Dissolved Solids (mg/l)                     | IS:3025(Part 16):1984(RA.2006)       | -             | 764     |
| f.        | Chemical Oxygen Demand(mg/l)                      | APHA-23rd Edition                    |               | 270     |
| g.        | Bio-chemical Oxygen Demand, mg/l (3 days at 27°C) | IS:3025(P-44)                        |               | 82      |
| h.        | Oil & Grease(mg/l)                                | IS:3025(P-39)                        |               | 8.6     |

*Saurabh*  
Saurabh Sharma  
18-10-2021  
Reviewer

*PremKumar*  
18-10-2021  
PremKumar  
[Authorized Signatory]

### Interstellar Testing Centre Pvt. Ltd.

86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
Panchkula-134109 (Haryana)  
Phone : (O) 0172-2561543, 2565825  
Email : customersupport@itclabs.com  
Visit us : www.itclabs.com

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## Test Report

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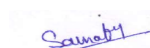
|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2110120414<br><b>Sample Reg. Date</b> :12-10-2021<br><b>Report Date</b> :18-10-2021<br><b>Report No.</b> :ICE-2110180674<br><b>NABL ULR No.</b> :TC592621000011932F<br><b>Customer Ref. No.:</b> Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
| i. Free Residual Chlorine (mg/l)                                                                            | IS:3025(Part 26):1986(RA:2014)amd no 1<br>BLQ(LOQ:1.0)                                                                                                                                                                                                                              |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, Sampling Procedure - SOP/ITC/EW/030, Purpose - For Self monitoring

**REMARKS :**N/A

\*\*\*\*\*End Of Report\*\*\*\*\*



Saurabh Sharma  
18-10-2021  
Reviewer



18-10-2021  
PremKumar  
[Authorized Signatory]

### Interstellar Testing Centre Pvt. Ltd.

86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
Panchkula-134109 (Haryana)  
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## Test Report

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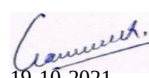
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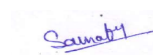
|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2110120415<br><b>Sample Reg. Date</b> :12-10-2021<br><b>Report Date</b> :20-10-2021<br><b>Report No.</b> :ICE-2110200775<br><b>NABL ULR No.</b> :TC592621000012103F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                 |                               |
|---------------------------------|-------------------------------|
| <b>Test Report as per IS:NA</b> | <b>With Amendment No.(s):</b> |
|---------------------------------|-------------------------------|

### PART A : PARTICULARS OF SAMPLE SUBMITTED

|    |                                            |                                                                                    |
|----|--------------------------------------------|------------------------------------------------------------------------------------|
| a) | Nature of Sample <sup>#</sup>              | STP Inlet Water (Township).                                                        |
| b) | Sample Condition                           | Good                                                                               |
| c) | Grade / Variety / Type / Class / Size etc. | NA                                                                                 |
| d) | Brand Name                                 | NA                                                                                 |
| e) | Declared Values,if any                     | NA                                                                                 |
| f) | Code No.                                   |  |
| g) | Batch Number <sup>#</sup>                  | NA                                                                                 |
| h) | D.O.M <sup>#</sup>                         | NA                                                                                 |
| i) | Date of Expiry <sup>#</sup>                | NA                                                                                 |
| j) | Sample Quantity <sup>#</sup>               | 1 Ltr                                                                              |
| k) | Batch Size/Location <sup>#</sup>           | NA                                                                                 |
| l) | Mode of Packing                            | Packed in can                                                                      |
| m) | Date of Receipt                            | 12-10-2021                                                                         |
| n) | Date of Start                              | 12-10-2021                                                                         |
| o) | Date of Completion                         | 20-10-2021                                                                         |
| p) | Seal (Intact/Not Intact/Unsealed)          | NA                                                                                 |
| q) | IO'S Signature (Signed/Unsigned)           | Unsigned                                                                           |
| r) | Any Other Information                      | Sample collected by lab rep. on 08.10.2021                                         |
| s) | Test Request Submitted By                  | Jhajjar Power Limited-Jhajjar ( Haryana )                                          |
| t) | Manufactured By <sup>#</sup>               | NA                                                                                 |

  
19-10-2021  
**Gaurav Khandelwal**  
[Authorized Signatory]

  
Saurabh Sharma  
20-10-2021  
**Reviewer**

  
20-10-2021  
**PremKumar**  
[Authorized Signatory]

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## Test Report

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2110120415<br><b>Sample Reg. Date</b> :12-10-2021<br><b>Report Date</b> :20-10-2021<br><b>Report No.</b> :ICE-2110200775<br><b>NABL ULR No.</b> :TC592621000012103F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                  |    |
|------------------|----|
| u) Supplied By # | NA |
|------------------|----|

### PART B : SUPPLEMENTARY INFORMATIONS

|                                                                                                                                                                 |       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| a. Reference to sampling procedure, whenever applicable                                                                                                         | : N/A |
| b. Supporting documents for the measurement taken and results derived like graphs, tables, sketches and / or photographs as appropriate to test reports, if any | : N/A |
| c. Deviation from the test methods as prescribed in relevant ISS/WORK Instruments, if any                                                                       | : N/A |

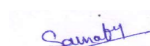
### Description

|             |                             |
|-------------|-----------------------------|
| Description | STP Inlet Water (Township). |
|-------------|-----------------------------|

| S.No. | Parameters                                 | Method                   | Specification | Result              |
|-------|--------------------------------------------|--------------------------|---------------|---------------------|
|       | <b>Discipline : Chemical</b>               |                          |               |                     |
|       | <b>Group : Pollution &amp; Environment</b> |                          |               |                     |
| 1.    | <b>General Parameters</b>                  |                          |               |                     |
| a.    | Nitrate as NO <sub>3</sub> (mg/l)          | IS:3025(P-34)            |               | 1.2                 |
| b.    | Calcium(as Ca)(mg/l)                       | IS:3025(P-40)            | -             | 92                  |
| c.    | Magnesium as Mg(mg/l)                      | IS:3025(Part-46)         | -             | 35                  |
| d.    | Sodium(as Na)(mg/l)                        | IS:3025(P-45)            | -             | 31.4                |
| e.    | Potassium as K,(mg/l)                      | IS:3025(P-45)            |               | 8.6                 |
| f.    | Phosphate as PO <sub>4</sub> (mg/l)        | APHA-23rd Edition        |               | BLQ(LOQ:0.1)        |
|       | <b>Discipline : Biological</b>             |                          |               |                     |
|       | <b>Group : Pollution &amp; Environment</b> |                          |               |                     |
| 1.    | <b>Microbiological Tests</b>               |                          |               |                     |
| a.    | Faecal Coliforms, (MPN/100ml)              | APHA-23 rd Edn 17-9221 F |               | 2.2x10 <sup>4</sup> |
| b.    | E.coli, (MPN/100ml)                        | APHA-23 rd Edn 17-9221 F |               | 1.4x10 <sup>4</sup> |

  
19-10-2021

Gaurav Khandelwal  
[Authorized Signatory]

  
Saurabh Sharma

20-10-2021  
Reviewer

  
20-10-2021

PremKumar  
[Authorized Signatory]

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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2110120415<br><b>Sample Reg. Date</b> :12-10-2021<br><b>Report Date</b> :20-10-2021<br><b>Report No.</b> :ICE-2110200775<br><b>NABL ULR No.</b> :TC592621000012103F<br><b>Customer Ref. No.:</b> Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|    |                            |                          |                     |
|----|----------------------------|--------------------------|---------------------|
| c. | Total Coliform (MPN/100ml) | APHA-23 rd Edn 17-9221 F | 3.2x10 <sup>4</sup> |
|----|----------------------------|--------------------------|---------------------|

'#' represents Customer Defined Fields

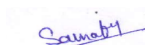
**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Sampling Procedure - SOP/ITC/EW/030, Purpose - For Self monitoring

**REMARKS :**N/A

**\*\*\*\*\*End Of Report\*\*\*\*\***



19-10-2021  
Gaurav Khandelwal  
[Authorized Signatory]



Saurabh Sharma  
20-10-2021  
Reviewer



20-10-2021  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
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## Test Report

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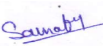
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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2110120416<br><b>Sample Reg. Date</b> :12-10-2021<br><b>Report Date</b> :18-10-2021<br><b>Report No.</b> :ICE-2110180675<br><b>NABL ULR No.</b> :TC592621000011935F<br><b>Customer Ref. No.:</b> Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                      |                               |
|------------------------------------------------------|-------------------------------|
| <b>Test Report as per IS:</b> EPA Act 1986/PCLS/2010 | <b>With Amendment No.(s):</b> |
|------------------------------------------------------|-------------------------------|

### PART A : PARTICULARS OF SAMPLE SUBMITTED

|    |                                            |                                                                                    |
|----|--------------------------------------------|------------------------------------------------------------------------------------|
| a) | Nature of Sample <sup>#</sup>              | STP Outlet Water (Township)                                                        |
| b) | Sample Condition                           | Good                                                                               |
| c) | Grade / Variety / Type / Class / Size etc. | NA                                                                                 |
| d) | Brand Name                                 | NA                                                                                 |
| e) | Declared Values,if any                     | NA                                                                                 |
| f) | Code No.                                   |  |
| g) | Batch Number <sup>#</sup>                  | NA                                                                                 |
| h) | D.O.M <sup>#</sup>                         | NA                                                                                 |
| i) | Date of Expiry <sup>#</sup>                | NA                                                                                 |
| j) | Sample Quantity <sup>#</sup>               | 2 Ltr                                                                              |
| k) | Batch Size/Location <sup>#</sup>           | NA                                                                                 |
| l) | Mode of Packing                            | Packed in bottles                                                                  |
| m) | Date of Receipt                            | 12-10-2021                                                                         |
| n) | Date of Start                              | 12-10-2021                                                                         |
| o) | Date of Completion                         | 18-10-2021                                                                         |
| p) | Seal (Intact/Not Intact/Unsealed)          | NA                                                                                 |
| q) | IO'S Signature (Signed/Unsigned)           | Unsigned                                                                           |
| r) | Any Other Information                      | Sample collected by lab rep. on 08.10.2021                                         |
| s) | Test Request Submitted By                  | Jhajjar Power Limited-Jhajjar ( Haryana )                                          |
| t) | Manufactured By <sup>#</sup>               | NA                                                                                 |

  
Saurabh Sharma  
18-10-2021  
Reviewer

  
18-10-2021  
PremKumar  
[Authorized Signatory]

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## Test Report

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2110120416<br><b>Sample Reg. Date</b> :12-10-2021<br><b>Report Date</b> :18-10-2021<br><b>Report No.</b> :ICE-2110180675<br><b>NABL ULR No.</b> :TC592621000011935F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                  |    |
|------------------|----|
| u) Supplied By # | NA |
|------------------|----|

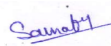
### PART B : SUPPLEMENTARY INFORMATIONS

|                                                                                                                                                                 |       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| a. Reference to sampling procedure, whenever applicable                                                                                                         | : N/A |
| b. Supporting documents for the measurement taken and results derived like graphs, tables, sketches and / or photographs as appropriate to test reports, if any | : N/A |
| c. Deviation from the test methods as prescribed in relevant ISS/WORK Instruments, if any                                                                       | : N/A |

### Description

|             |                             |
|-------------|-----------------------------|
| Description | STP Outlet Water (Township) |
|-------------|-----------------------------|

| S.No.     | Parameters                                        | Method                               | Specification | Result       |
|-----------|---------------------------------------------------|--------------------------------------|---------------|--------------|
|           | <b>Discipline : Chemical</b>                      |                                      |               |              |
|           | <b>Group : Pollution &amp; Environment</b>        |                                      |               |              |
| <b>1.</b> | <b>General Parameters</b>                         |                                      |               |              |
| a.        | Colour                                            | IS:3025(Part4):1983(RA:2017)amd. no1 | Not Specified | Colourless   |
| b.        | Odour                                             | IS:3025(Part 5):1983(RA:2017)        | Not Specified | None         |
| c.        | pH Value                                          | IS:3025 (Part - 11):1983(RA:2017)    | 6.5-9         | 7.12         |
| d.        | Total Suspended Solids,(mg/l)                     | IS:3025(Part 17)                     | Max. 100      | 19           |
| e.        | Total Dissolved Solids (mg/l)                     | IS:3025(Part 16):1984(RA.2006)       | Not Specified | 772          |
| f.        | Chemical Oxygen Demand(mg/l)                      | APHA-23rd Edition                    | Not Specified | 56           |
| g.        | Bio-chemical Oxygen Demand, mg/l (3 days at 27°C) | IS:3025(P-44)                        | Max. 30       | 18           |
| h.        | Oil & Grease(mg/l)                                | IS:3025(P-39)                        | Max. 10       | 0.2          |
| i.        | Free Residual Chlorine (mg/l)                     | IS:3025(P-26)                        | Max. 1.0      | BLQ(LOQ:1.0) |

  
Saurabh Sharma  
18-10-2021  
Reviewer

  
18-10-2021  
PremKumar  
[Authorized Signatory]

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## Test Report

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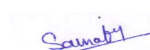
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2110120416<br><b>Sample Reg. Date</b> :12-10-2021<br><b>Report Date</b> :18-10-2021<br><b>Report No.</b> :ICE-2110180675<br><b>NABL ULR No.</b> :TC592621000011935F<br><b>Customer Ref. No.:</b> Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per EPA Act 1986/PCLS/2010, Sampling Procedure - SOP/ITC/EW/030, Purpose - For Self monitoring

**REMARKS :**N/A

\*\*\*\*\*End Of Report\*\*\*\*\*



Saurabh Sharma  
18-10-2021  
Reviewer



18-10-2021  
PremKumar  
[Authorized Signatory]

### Interstellar Testing Centre Pvt. Ltd.

86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
Panchkula-134109 (Haryana)  
Phone : (O) 0172-2561543, 2565825  
Email : customersupport@itclabs.com  
Visit us :www.itclabs.com

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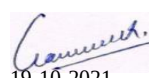
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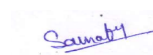
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|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2110120417<br><b>Sample Reg. Date</b> :12-10-2021<br><b>Report Date</b> :20-10-2021<br><b>Report No.</b> :ICE-2110200778<br><b>NABL ULR No.</b> :TC592621000012111F<br><b>Customer Ref. No.:</b> Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                      |                               |
|------------------------------------------------------|-------------------------------|
| <b>Test Report as per IS:</b> EPA Act 1986/PCLS/2010 | <b>With Amendment No.(s):</b> |
|------------------------------------------------------|-------------------------------|

### PART A : PARTICULARS OF SAMPLE SUBMITTED

|    |                                            |                                                                                    |
|----|--------------------------------------------|------------------------------------------------------------------------------------|
| a) | Nature of Sample <sup>#</sup>              | STP Outlet Water (Township).                                                       |
| b) | Sample Condition                           | Good                                                                               |
| c) | Grade / Variety / Type / Class / Size etc. | NA                                                                                 |
| d) | Brand Name                                 | NA                                                                                 |
| e) | Declared Values,if any                     | NA                                                                                 |
| f) | Code No.                                   |  |
| g) | Batch Number <sup>#</sup>                  | NA                                                                                 |
| h) | D.O.M <sup>#</sup>                         | NA                                                                                 |
| i) | Date of Expiry <sup>#</sup>                | NA                                                                                 |
| j) | Sample Quantity <sup>#</sup>               | 1 Ltr                                                                              |
| k) | Batch Size/Location <sup>#</sup>           | NA                                                                                 |
| l) | Mode of Packing                            | Packed in can                                                                      |
| m) | Date of Receipt                            | 12-10-2021                                                                         |
| n) | Date of Start                              | 12-10-2021                                                                         |
| o) | Date of Completion                         | 20-10-2021                                                                         |
| p) | Seal (Intact/Not Intact/Unsealed)          | NA                                                                                 |
| q) | IO'S Signature (Signed/Unsigned)           | Unsigned                                                                           |
| r) | Any Other Information                      | Sample collected by lab rep. on 08.10.2021                                         |
| s) | Test Request Submitted By                  | Jhajjar Power Limited-Jhajjar ( Haryana )                                          |
| t) | Manufactured By <sup>#</sup>               | NA                                                                                 |

  
19-10-2021  
**Gaurav Khandelwal**  
[Authorized Signatory]

  
Saurabh Sharma  
20-10-2021  
**Reviewer**

  
20-10-2021  
**PremKumar**  
[Authorized Signatory]

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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2110120417<br><b>Sample Reg. Date</b> :12-10-2021<br><b>Report Date</b> :20-10-2021<br><b>Report No.</b> :ICE-2110200778<br><b>NABL ULR No.</b> :TC592621000012111F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                  |    |
|------------------|----|
| u) Supplied By # | NA |
|------------------|----|

### PART B : SUPPLEMENTARY INFORMATIONS

|                                                                                                                                                                 |       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| a. Reference to sampling procedure, whenever applicable                                                                                                         | : N/A |
| b. Supporting documents for the measurement taken and results derived like graphs, tables, sketches and / or photographs as appropriate to test reports, if any | : N/A |
| c. Deviation from the test methods as prescribed in relevant ISS/WORK Instruments, if any                                                                       | : N/A |

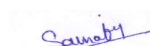
### Description

|             |                              |
|-------------|------------------------------|
| Description | STP Outlet Water (Township). |
|-------------|------------------------------|

| S.No. | Parameters                                 | Method                   | Specification | Result       |
|-------|--------------------------------------------|--------------------------|---------------|--------------|
|       | <b>Discipline : Chemical</b>               |                          |               |              |
|       | <b>Group : Pollution &amp; Environment</b> |                          |               |              |
| 1.    | <b>General Parameters</b>                  |                          |               |              |
| a.    | Nitrate as NO <sub>3</sub> (mg/l)          | IS 3025 (Part 34)        | Max. 10       | BLQ(LOQ:1.0) |
| b.    | Calcium(as Ca)(mg/l)                       | IS:3025(P-40)            | Not Specified | 97           |
| c.    | Magnesium as Mg(mg/l)                      | IS: 3025 (P-46)          | Not Specified | 32           |
| d.    | Sodium(as Na)(mg/l)                        | IS:3025(P-45)            | Not Specified | 27.2         |
| e.    | Potassium as K,(mg/l)                      | IS:3025(P-45)            | Not Specified | 9.0          |
| f.    | Phosphate(as PO <sub>4</sub> ), mg/L       | APHA-23rd Edition        | Max. 5.0      | BLQ(LOQ:0.1) |
|       | <b>Discipline : Biological</b>             |                          |               |              |
|       | <b>Group : Pollution &amp; Environment</b> |                          |               |              |
| 1.    | <b>Microbiological Tests</b>               |                          |               |              |
| a.    | Faecal Coliform, MPN/100ml                 | APHA-23 rd Edn 17-9221 F | Max. 1000     | 809          |
| b.    | E.coli, (MPN/100ml)                        | APHA 23rd Edn 17-9221 E  | Not Specified | 540          |

  
19-10-2021

Gaurav Khandelwal  
[Authorized Signatory]

  
20-10-2021

Saurabh Sharma  
20-10-2021  
Reviewer

  
20-10-2021

PremKumar  
[Authorized Signatory]

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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2110120417<br><b>Sample Reg. Date</b> :12-10-2021<br><b>Report Date</b> :20-10-2021<br><b>Report No.</b> :ICE-2110200778<br><b>NABL ULR No.</b> :TC592621000012111F<br><b>Customer Ref. No.:</b> Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|    |                            |                          |               |     |
|----|----------------------------|--------------------------|---------------|-----|
| c. | Total Coliform (MPN/100ml) | APHA-23 rd Edn 17-9221 F | Not Specified | 938 |
|----|----------------------------|--------------------------|---------------|-----|

'#' represents Customer Defined Fields

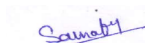
**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per EPA Act 1986/PCLS/2010, Sampling Procedure - SOP/ITC/EW/030, Purpose - For Self monitoring

**REMARKS :**N/A

\*\*\*\*\*End Of Report\*\*\*\*\*



19-10-2021  
Gaurav Khandelwal  
[Authorized Signatory]



Saurabh Sharma  
20-10-2021  
Reviewer



20-10-2021  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
Panchkula-134109 (Haryana)  
Phone : (O) 0172-2561543, 2565825  
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|                                                                                                             |                                                                                                                                                                                                           |
|-------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> : P01-2110300133<br><b>Sample Reg. Date</b> : 30-10-2021<br><b>Report Date</b> : 02-11-2021<br><b>Customer Ref. No.</b> : Order No. 5030010814<br><b>Letter Dated</b> : 29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

**Test Report as per** : : EPA Act 1986/PCLS/2010

### General Information :

|                       |                       |
|-----------------------|-----------------------|
| Name of Sample        | : Ambient Noise       |
| Date of Monitoring    | : 28-10-2021          |
| Time of Monitoring    | : Day & Night         |
| Nature of Industry    | : Thermal Power Plant |
| Purpose of Monitoring | : For Self Monitoring |

| Description |                                         |                            |               |        |
|-------------|-----------------------------------------|----------------------------|---------------|--------|
| Description |                                         | Noise Monitoring           |               |        |
| S.No.       | Parameters                              | Method                     | Specification | Result |
|             | <b>Discipline : Chemical</b>            |                            |               |        |
|             | <b>Group : Atmospheric Pollution</b>    |                            |               |        |
| <b>1.</b>   | <b>Location Name</b>                    |                            |               |        |
| a.          | Near Gate No.1 (Day Time), Leq dB (A)   | IS: 9989 (Reaffirmed 2014) | Max. 75.0     | 53.1   |
| b.          | Near Gate No.1 (Night Time), Leq dB (A) | IS: 9989 (Reaffirmed 2014) | Max. 70.0     | 51.5   |
| c.          | Near Gate No.2 (Day Time), Leq dB (A)   | IS: 9989 (Reaffirmed 2014) | Max. 75.0     | 54.2   |
| d.          | Near Gate No.2 (Night Time), Leq dB (A) | IS: 9989 (Reaffirmed 2014) | Max. 70.0     | 52.2   |
| e.          | Near Gate No.3 (Day Time), Leq dB (A)   | IS: 9989 (Reaffirmed 2014) | Max. 75.0     | 54.9   |
| f.          | Near Gate No.3 (Night Time), Leq dB (A) | IS: 9989 (Reaffirmed 2014) | Max. 70.0     | 51.8   |
| g.          | Near Guest House (Day Time), Leq dB (A) | IS: 9989 (Reaffirmed 2014) | Max. 75.0     | 55.2   |

Saurabh Sharma  
02-11-2021  
Reviewer

02-11-2021  
Prem Kumar  
[Authorized Signatory]

## Test Report

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Page 2 of 2

|                                                                                                             |                                                                                                                                                                                                     |
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|-------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|    |                                           |                            |           |      |
|----|-------------------------------------------|----------------------------|-----------|------|
| h. | Near Guest House (Night Time), Leq dB (A) | IS: 9989 (Reaffirmed 2014) | Max. 70.0 | 51.6 |
| i. | Near D Block (Day Time), Leq dB (A)       | IS: 9989 (Reaffirmed 2014) | Max. 75.0 | 53.3 |
| j. | Near D Block (Night Time), Leq dB (A)     | IS: 9989 (Reaffirmed 2014) | Max. 70.0 | 47.8 |

# represents Customer Defined Fields

**NOTE :** NA- Not Applicable, Requirements as per EPA Act 1986/PCLS/2010, Sampling Procedure : SOP/ITC/EW/056. Day Time - 06 :00 Hrs To 22 :00 Hrs, Night Time - 22 :00 Hrs To 06 :00 Hrs

**REMARKS :**N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
02-11-2021  
Reviewer

  
02-11-2021  
Prem Kumar  
[Authorized Signatory]



## Test Report

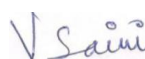
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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2111160671<br><b>Sample Reg. Date</b> :16-11-2021<br><b>Report Date</b> :22-11-2021<br><b>Report No.</b> :ICE-2111220899<br><b>NABL ULR No.</b> :TC592621000013831F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                                                                                                                                                                                                                                                                |                                                                                                                   |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|
| <b>Test Report as per :</b>                                                                                                                                                                                                                                                                    | : NAAQS 2009                                                                                                      |
| <b>General Information :</b><br>Location of Sampling Point<br>Date of Monitoring<br>Time of Monitoring<br>Purpose of Monitoring<br>Duration of Monitoring, minutes<br>Avg. Flow Rate of Sampling, m <sup>3</sup> /min<br>Volume of air sampled, m <sup>3</sup><br>Avg. Ambient Temperature, °C | : Near Gate No.3<br>: 01-11-2021<br>: 10:40 hrs<br>: For Self Monitoring<br>: 1440<br>: 1.33<br>: 1852.37<br>: 27 |

| Description                          |                                                            |                                                   |               |              |
|--------------------------------------|------------------------------------------------------------|---------------------------------------------------|---------------|--------------|
| Description                          |                                                            | Ambient Air Quality Monitoring                    |               |              |
| S.No.                                | Parameters                                                 | Method                                            | Specification | Result       |
| <b>Discipline : Chemical</b>         |                                                            |                                                   |               |              |
| <b>Group : Atmospheric Pollution</b> |                                                            |                                                   |               |              |
| <b>1.</b>                            | <b>Ambient Air Quality Parameters</b>                      |                                                   |               |              |
| a.                                   | Sulphur Dioxide(SO <sub>2</sub> ), µg/m <sup>3</sup>       | IS:5182(P-2)                                      | 80 Max        | 19.03        |
| b.                                   | Nitrogen Dioxide(NO <sub>2</sub> ), µg/m <sup>3</sup>      | IS:5182(P-6)                                      | 80 Max        | 27.81        |
| c.                                   | Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>  | IS:5182(P-23)                                     | 100 Max       | 123.46       |
| d.                                   | Particulate matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup> | STP/ITC/EW-01                                     | 60 Max        | 58.08        |
| e.                                   | Ozone(O <sub>3</sub> ), µg/m <sup>3</sup>                  | IS:5182(P-9)                                      | 180 Max       | BLQ (LOQ:14) |
| f.                                   | Lead(As Pb), µg/m <sup>3</sup>                             | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max       | BLQ(LOQ:0.1) |
| g.                                   | Carbon Monoxide(CO), mg/m <sup>3</sup>                     | IS:5182(P-10)                                     | 4 Max         | 1.5          |



Vikrant  
22-11-2021  
Reviewer



22-11-2021  
PremKumar  
[Authorized Signatory]

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

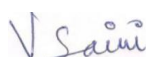
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | 18.35         |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ (LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per NAQQS 2009.  
Sampling Procedure: SOP/ITC/EW/056

**REMARKS :**N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Vikrant  
22-11-2021  
Reviewer

  
22-11-2021  
PremKumar  
[Authorized Signatory]

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## Test Report

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|                                                     |                                               |
|-----------------------------------------------------|-----------------------------------------------|
| <b>Issued To</b>                                    | <b>Sample Reg. No.</b> :E01-2111160670        |
| Jhajjar Power Limited                               | <b>Sample Reg. Date</b> :16-11-2021           |
| Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar | <b>Report Date</b> :22-11-2021                |
| Jhajjar                                             | <b>Report No.</b> :ICE-2111220898             |
|                                                     | <b>NABL ULR No.</b> :TC592621000013828F       |
|                                                     | <b>Customer Ref. No.</b> :Order No.5030010814 |
|                                                     | <b>Letter Dated</b> :29.10.2020               |

|                                                 |                       |
|-------------------------------------------------|-----------------------|
| <b>Test Report as per :</b>                     | : NAAQS 2009          |
| <b>General Information :</b>                    |                       |
| Location of Sampling Point                      | : Near Guest House    |
| Date of Monitoring                              | : 01-11-2021          |
| Time of Monitoring                              | : 10:55 hrs           |
| Purpose of Monitoring                           | : For Self Monitoring |
| Duration of Monitoring, minutes                 | : 1440                |
| Avg. Flow Rate of Sampling, m <sup>3</sup> /min | : 1.33                |
| Volume of air sampled, m <sup>3</sup>           | : 1858.56             |
| Avg. Ambient Temperature, °C                    | : 26                  |

| Description |                                                            |                                                   |               |               |
|-------------|------------------------------------------------------------|---------------------------------------------------|---------------|---------------|
| Description |                                                            | Ambient Air Quality Monitoring                    |               |               |
| S.No.       | Parameters                                                 | Method                                            | Specification | Result        |
|             | <b>Discipline : Chemical</b>                               |                                                   |               |               |
|             | <b>Group : Atmospheric Pollution</b>                       |                                                   |               |               |
| <b>1.</b>   | <b>Ambient Air Quality Parameters</b>                      |                                                   |               |               |
| a.          | Sulphur Dioxide(SO <sub>2</sub> ), µg/m <sup>3</sup>       | IS:5182(P-2)                                      | 80 Max        | 15.30         |
| b.          | Nitrogen Dioxide(NO <sub>2</sub> ), µg/m <sup>3</sup>      | IS:5182(P-6)                                      | 80 Max        | 22.90         |
| c.          | Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>  | IS:5182(P-23)                                     | 100 Max       | 103.25        |
| d.          | Particulate matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup> | STP/ITC/EW-01                                     | 60 Max        | 54.29         |
| e.          | Ozone(O <sub>3</sub> ), µg/m <sup>3</sup>                  | IS:5182(P-9)                                      | 180 Max       | BLQ (LOQ:14)  |
| f.          | Lead(As Pb), µg/m <sup>3</sup>                             | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max       | BLQ(LOQ:0.1)  |
| g.          | Carbon Monoxide(CO), mg/m <sup>3</sup>                     | IS:5182(P-10)                                     | 4 Max         | BLQ (LOQ:1.0) |

*V. Saini*  
Vikrant  
22-11-2021  
Reviewer

*Prem Kumar*  
22-11-2021  
PremKumar  
[Authorized Signatory]

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|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2111160670<br><b>Sample Reg. Date</b> :16-11-2021<br><b>Report Date</b> :22-11-2021<br><b>Report No.</b> :ICE-2111220898<br><b>NABL ULR No.</b> :TC592621000013828F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

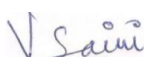
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | 14.67         |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ (LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per NAQQS 2009.  
Sampling Procedure: SOP/ITC/EW/056

**REMARKS :**N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Vikrant  
22-11-2021  
Reviewer

  
22-11-2021  
PremKumar  
[Authorized Signatory]

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## Test Report

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|                                                     |                                               |
|-----------------------------------------------------|-----------------------------------------------|
| <b>Issued To</b>                                    | <b>Sample Reg. No.</b> :E01-2111160673        |
| Jhajjar Power Limited                               | <b>Sample Reg. Date</b> :16-11-2021           |
| Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar | <b>Report Date</b> :22-11-2021                |
| Jhajjar                                             | <b>Report No.</b> :ICE-2111220901             |
|                                                     | <b>NABL ULR No.</b> :TC592621000013835F       |
|                                                     | <b>Customer Ref. No.</b> :Order No.5030010814 |
|                                                     | <b>Letter Dated</b> :29.10.2020               |

|                                                 |                       |
|-------------------------------------------------|-----------------------|
| <b>Test Report as per :</b>                     | : NAAQS 2009          |
| <b>General Information :</b>                    |                       |
| Location of Sampling Point                      | : Near Shakti Vihar   |
| Date of Monitoring                              | : 01-11-2021          |
| Time of Monitoring                              | : 11:10 hrs           |
| Purpose of Monitoring                           | : For Self Monitoring |
| Duration of Monitoring, minutes                 | : 1440                |
| Avg. Flow Rate of Sampling, m <sup>3</sup> /min | : 1.33                |
| Volume of air sampled, m <sup>3</sup>           | : 1846.21             |
| Avg. Ambient Temperature, °C                    | : 28                  |

| Description |                                                            |                                                   |               |               |
|-------------|------------------------------------------------------------|---------------------------------------------------|---------------|---------------|
| Description |                                                            | Ambient Air Quality Monitoring                    |               |               |
| S.No.       | Parameters                                                 | Method                                            | Specification | Result        |
|             | <b>Discipline : Chemical</b>                               |                                                   |               |               |
|             | <b>Group : Atmospheric Pollution</b>                       |                                                   |               |               |
| <b>1.</b>   | <b>Ambient Air Quality Parameters</b>                      |                                                   |               |               |
| a.          | Sulphur Dioxide(SO <sub>2</sub> ), µg/m <sup>3</sup>       | IS:5182(P-2)                                      | 80 Max        | 13.55         |
| b.          | Nitrogen Dioxide(NO <sub>2</sub> ), µg/m <sup>3</sup>      | IS:5182(P-6)                                      | 80 Max        | 21.84         |
| c.          | Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>  | IS:5182(P-23)                                     | 100 Max       | 103.24        |
| d.          | Particulate matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup> | STP/ITC/EW-01                                     | 60 Max        | 51.35         |
| e.          | Ozone(O <sub>3</sub> ), µg/m <sup>3</sup>                  | IS:5182(P-9)                                      | 180 Max       | BLQ (LOQ:14)  |
| f.          | Lead(As Pb), µg/m <sup>3</sup>                             | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max       | BLQ(LOQ:0.1)  |
| g.          | Carbon Monoxide(CO), mg/m <sup>3</sup>                     | IS:5182(P-10)                                     | 4 Max         | BLQ (LOQ:1.0) |

*V. Saini*  
Vikrant  
22-11-2021  
Reviewer

*Prem Kumar*  
22-11-2021  
PremKumar  
[Authorized Signatory]

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2111160673<br><b>Sample Reg. Date</b> :16-11-2021<br><b>Report Date</b> :22-11-2021<br><b>Report No.</b> :ICE-2111220901<br><b>NABL ULR No.</b> :TC592621000013835F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

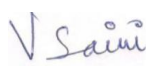
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | 11.42         |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ (LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per NAQQS 2009.  
Sampling Procedure: SOP/ITC/EW/056

**REMARKS :**N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Vikrant  
22-11-2021  
Reviewer

  
22-11-2021  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
Panchkula-134109 (Haryana)  
Phone : (O) 0172-2561543, 2565825  
Email : customersupport@itclabs.com  
Visit us :www.itclabs.com

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2111160672<br><b>Sample Reg. Date</b> :16-11-2021<br><b>Report Date</b> :22-11-2021<br><b>Report No.</b> :ICE-2111220897<br><b>NABL ULR No.</b> :TC592621000013834F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                                                                                                                                                                                                                                                                |                                                                                                                     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| <b>Test Report as per :</b>                                                                                                                                                                                                                                                                    | : NAAQS 2009                                                                                                        |
| <b>General Information :</b><br>Location of Sampling Point<br>Date of Monitoring<br>Time of Monitoring<br>Purpose of Monitoring<br>Duration of Monitoring, minutes<br>Avg. Flow Rate of Sampling, m <sup>3</sup> /min<br>Volume of air sampled, m <sup>3</sup><br>Avg. Ambient Temperature, °C | : Village- Khanpur<br>: 01-11-2021<br>: 10:30 hrs<br>: For Self Monitoring<br>: 1440<br>: 1.34<br>: 1872.54<br>: 25 |

| Description                          |                                                            |                                                   |               |              |
|--------------------------------------|------------------------------------------------------------|---------------------------------------------------|---------------|--------------|
| Description                          |                                                            | Ambient Air Quality Monitoring                    |               |              |
| S.No.                                | Parameters                                                 | Method                                            | Specification | Result       |
| <b>Discipline : Chemical</b>         |                                                            |                                                   |               |              |
| <b>Group : Atmospheric Pollution</b> |                                                            |                                                   |               |              |
| <b>1.</b>                            | <b>Ambient Air Quality Parameters</b>                      |                                                   |               |              |
| a.                                   | Sulphur Dioxide(SO <sub>2</sub> ), µg/m <sup>3</sup>       | IS:5182(P-2)                                      | 80 Max        | 20.19        |
| b.                                   | Nitrogen Dioxide(NO <sub>2</sub> ), µg/m <sup>3</sup>      | IS:5182(P-6)                                      | 80 Max        | 34.95        |
| c.                                   | Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>  | IS:5182(P-23)                                     | 100 Max       | 127.26       |
| d.                                   | Particulate matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup> | STP/ITC/EW-01                                     | 60 Max        | 64.81        |
| e.                                   | Ozone(O <sub>3</sub> ), µg/m <sup>3</sup>                  | IS:5182(P-9)                                      | 180 Max       | 16.40        |
| f.                                   | Lead(As Pb), µg/m <sup>3</sup>                             | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max       | BLQ(LOQ:0.1) |
| g.                                   | Carbon Monoxide(CO), mg/m <sup>3</sup>                     | IS:5182(P-10)                                     | 4 Max         | 1.6          |

*V. Saini*  
Vikrant  
22-11-2021  
Reviewer

*PremKumar*  
22-11-2021  
PremKumar  
[Authorized Signatory]

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2111160672<br><b>Sample Reg. Date</b> :16-11-2021<br><b>Report Date</b> :22-11-2021<br><b>Report No.</b> :ICE-2111220897<br><b>NABL ULR No.</b> :TC592621000013834F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

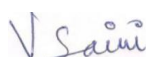
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | 20.15         |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ (LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per NAQQS 2009.  
Sampling Procedure: SOP/ITC/EW/056

**REMARKS :**N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Vikrant  
22-11-2021  
Reviewer

  
22-11-2021  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
Panchkula-134109 (Haryana)  
Phone : (O) 0172-2561543, 2565825  
Email : customersupport@itclabs.com  
Visit us :www.itclabs.com

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|                                                     |                                               |
|-----------------------------------------------------|-----------------------------------------------|
| <b>Issued To</b>                                    | <b>Sample Reg. No.</b> :E01-2111160675        |
| Jhajjar Power Limited                               | <b>Sample Reg. Date</b> :16-11-2021           |
| Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar | <b>Report Date</b> :22-11-2021                |
| Jhajjar                                             | <b>Report No.</b> :ICE-2111220887             |
|                                                     | <b>NABL ULR No.</b> :TC592621000013842F       |
|                                                     | <b>Customer Ref. No.</b> :Order No.5030010814 |
|                                                     | <b>Letter Dated</b> :29.10.2020               |

|                                                 |                       |
|-------------------------------------------------|-----------------------|
| <b>Test Report as per :</b>                     | : NAAQS 2009          |
| <b>General Information :</b>                    |                       |
| Location of Sampling Point                      | : Near Gate No.3      |
| Date of Monitoring                              | : 04-11-2021          |
| Time of Monitoring                              | : 10:50 hrs           |
| Purpose of Monitoring                           | : For Self Monitoring |
| Duration of Monitoring, minutes                 | : 1440                |
| Avg. Flow Rate of Sampling, m <sup>3</sup> /min | : 1.34                |
| Volume of air sampled, m <sup>3</sup>           | : 1860.10             |
| Avg. Ambient Temperature, °C                    | : 28                  |

| Description |                                                            |                                                   |               |              |
|-------------|------------------------------------------------------------|---------------------------------------------------|---------------|--------------|
| Description |                                                            | Ambient Air Quality Monitoring                    |               |              |
| S.No.       | Parameters                                                 | Method                                            | Specification | Result       |
|             | <b>Discipline : Chemical</b>                               |                                                   |               |              |
|             | <b>Group : Atmospheric Pollution</b>                       |                                                   |               |              |
| <b>1.</b>   | <b>Ambient Air Quality Parameters</b>                      |                                                   |               |              |
| a.          | Sulphur Dioxide(SO <sub>2</sub> ), µg/m <sup>3</sup>       | IS:5182(P-2)                                      | 80 Max        | 34.50        |
| b.          | Nitrogen Dioxide(NO <sub>2</sub> ), µg/m <sup>3</sup>      | IS:5182(P-6)                                      | 80 Max        | 53.38        |
| c.          | Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>  | IS:5182(P-23)                                     | 100 Max       | 207.73       |
| d.          | Particulate matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup> | STP/ITC/EW-01                                     | 60 Max        | 76.18        |
| e.          | Ozone(O <sub>3</sub> ), µg/m <sup>3</sup>                  | IS:5182(P-9)                                      | 180 Max       | 18.22        |
| f.          | Lead(As Pb), µg/m <sup>3</sup>                             | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max       | BLQ(LOQ:0.1) |
| g.          | Carbon Monoxide(CO), mg/m <sup>3</sup>                     | IS:5182(P-10)                                     | 4 Max         | 1.4          |

*V. Saini*  
Vikrant  
22-11-2021  
Reviewer

*Prem Kumar*  
22-11-2021  
PremKumar  
[Authorized Signatory]

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2111160675<br><b>Sample Reg. Date</b> :16-11-2021<br><b>Report Date</b> :22-11-2021<br><b>Report No.</b> :ICE-2111220887<br><b>NABL ULR No.</b> :TC592621000013842F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

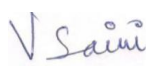
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | 37.44         |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ (LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per NAQQS 2009.  
Sampling Procedure: SOP/ITC/EW/056

**REMARKS :**N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Vikrant  
22-11-2021  
Reviewer

  
22-11-2021  
PremKumar  
[Authorized Signatory]

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## Test Report

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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2111160674<br><b>Sample Reg. Date</b> :16-11-2021<br><b>Report Date</b> :22-11-2021<br><b>Report No.</b> :ICE-2111220890<br><b>NABL ULR No.</b> :TC592621000013837F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                                                                                                                                                                                                                                                                |                                                                                                                     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| <b>Test Report as per :</b>                                                                                                                                                                                                                                                                    | : NAAQS 2009                                                                                                        |
| <b>General Information :</b><br>Location of Sampling Point<br>Date of Monitoring<br>Time of Monitoring<br>Purpose of Monitoring<br>Duration of Monitoring, minutes<br>Avg. Flow Rate of Sampling, m <sup>3</sup> /min<br>Volume of air sampled, m <sup>3</sup><br>Avg. Ambient Temperature, °C | : Near Guest House<br>: 04-11-2021<br>: 11:00 hrs<br>: For Self Monitoring<br>: 1440<br>: 1.33<br>: 1846.21<br>: 28 |

| Description                          |                                                            |                                                   |               |               |
|--------------------------------------|------------------------------------------------------------|---------------------------------------------------|---------------|---------------|
| Description                          |                                                            | Ambient Air Quality Monitoring                    |               |               |
| S.No.                                | Parameters                                                 | Method                                            | Specification | Result        |
| <b>Discipline : Chemical</b>         |                                                            |                                                   |               |               |
| <b>Group : Atmospheric Pollution</b> |                                                            |                                                   |               |               |
| <b>1.</b>                            | <b>Ambient Air Quality Parameters</b>                      |                                                   |               |               |
| a.                                   | Sulphur Dioxide(SO <sub>2</sub> ), µg/m <sup>3</sup>       | IS:5182(P-2)                                      | 80 Max        | 18.48         |
| b.                                   | Nitrogen Dioxide(NO <sub>2</sub> ), µg/m <sup>3</sup>      | IS:5182(P-6)                                      | 80 Max        | 32.76         |
| c.                                   | Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>  | IS:5182(P-23)                                     | 100 Max       | 153.29        |
| d.                                   | Particulate matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup> | STP/ITC/EW-01                                     | 60 Max        | 70.29         |
| e.                                   | Ozone(O <sub>3</sub> ), µg/m <sup>3</sup>                  | IS:5182(P-9)                                      | 180 Max       | 15.57         |
| f.                                   | Lead(As Pb), µg/m <sup>3</sup>                             | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max       | BLQ(LOQ:0.1)  |
| g.                                   | Carbon Monoxide(CO), mg/m <sup>3</sup>                     | IS:5182(P-10)                                     | 4 Max         | BLQ (LOQ:1.0) |

*V. Saini*  
Vikrant  
22-11-2021  
Reviewer

*Prem Kumar*  
22-11-2021  
PremKumar  
[Authorized Signatory]

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Page 2 of 2

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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2111160674<br><b>Sample Reg. Date</b> :16-11-2021<br><b>Report Date</b> :22-11-2021<br><b>Report No.</b> :ICE-2111220890<br><b>NABL ULR No.</b> :TC592621000013837F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

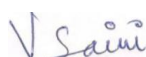
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | 30.57         |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ (LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per NAQQS 2009.  
Sampling Procedure: SOP/ITC/EW/056

**REMARKS :**N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Vikrant  
22-11-2021  
Reviewer

  
22-11-2021  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
Panchkula-134109 (Haryana)  
Phone : (O) 0172-2561543, 2565825  
Email : customersupport@itclabs.com  
Visit us :www.itclabs.com

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## Test Report

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Page 1 of 2

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2111160676<br><b>Sample Reg. Date</b> :16-11-2021<br><b>Report Date</b> :22-11-2021<br><b>Report No.</b> :ICE-2111220886<br><b>NABL ULR No.</b> :TC592621000013848F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                                                                                                                                                                                                                                                                |                                                                                                                    |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|
| <b>Test Report as per :</b>                                                                                                                                                                                                                                                                    | : NAAQS 2009                                                                                                       |
| <b>General Information :</b><br>Location of Sampling Point<br>Date of Monitoring<br>Time of Monitoring<br>Purpose of Monitoring<br>Duration of Monitoring, minutes<br>Avg. Flow Rate of Sampling, m <sup>3</sup> /min<br>Volume of air sampled, m <sup>3</sup><br>Avg. Ambient Temperature, °C | : Village-Khanpur<br>: 04-11-2021<br>: 10:40 hrs<br>: For Self Monitoring<br>: 1440<br>: 1.33<br>: 1852.37<br>: 27 |

| Description                          |                                                            |                                                   |               |              |
|--------------------------------------|------------------------------------------------------------|---------------------------------------------------|---------------|--------------|
| Description                          |                                                            | Ambient Air Quality Monitoring                    |               |              |
| S.No.                                | Parameters                                                 | Method                                            | Specification | Result       |
| <b>Discipline : Chemical</b>         |                                                            |                                                   |               |              |
| <b>Group : Atmospheric Pollution</b> |                                                            |                                                   |               |              |
| <b>1.</b>                            | <b>Ambient Air Quality Parameters</b>                      |                                                   |               |              |
| a.                                   | Sulphur Dioxide(SO <sub>2</sub> ), µg/m <sup>3</sup>       | IS:5182(P-2)                                      | 80 Max        | 28.88        |
| b.                                   | Nitrogen Dioxide(NO <sub>2</sub> ), µg/m <sup>3</sup>      | IS:5182(P-6)                                      | 80 Max        | 46.55        |
| c.                                   | Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>  | IS:5182(P-23)                                     | 100 Max       | 228.41       |
| d.                                   | Particulate matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup> | STP/ITC/EW-01                                     | 60 Max        | 104.80       |
| e.                                   | Ozone(O <sub>3</sub> ), µg/m <sup>3</sup>                  | IS:5182(P-9)                                      | 180 Max       | 17.17        |
| f.                                   | Lead(As Pb), µg/m <sup>3</sup>                             | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max       | BLQ(LOQ:0.1) |
| g.                                   | Carbon Monoxide(CO), mg/m <sup>3</sup>                     | IS:5182(P-10)                                     | 4 Max         | 1.5          |

*V. Saini*  
Vikrant  
22-11-2021  
Reviewer

*Prem Kumar*  
22-11-2021  
PremKumar  
[Authorized Signatory]

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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2111160676<br><b>Sample Reg. Date</b> :16-11-2021<br><b>Report Date</b> :22-11-2021<br><b>Report No.</b> :ICE-2111220886<br><b>NABL ULR No.</b> :TC592621000013848F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
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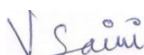
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | 46.66         |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ (LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per NAQQS 2009.  
Sampling Procedure: SOP/ITC/EW/056

**REMARKS :**N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Vikrant  
22-11-2021  
Reviewer

  
22-11-2021  
PremKumar  
[Authorized Signatory]

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|                                                     |                                               |
|-----------------------------------------------------|-----------------------------------------------|
| <b>Issued To</b>                                    | <b>Sample Reg. No.</b> :E01-2111160677        |
| Jhajjar Power Limited                               | <b>Sample Reg. Date</b> :16-11-2021           |
| Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar | <b>Report Date</b> :22-11-2021                |
| Jhajjar                                             | <b>Report No.</b> :ICE-2111220900             |
|                                                     | <b>NABL ULR No.</b> :TC592621000013849F       |
|                                                     | <b>Customer Ref. No.</b> :Order No.5030010814 |
|                                                     | <b>Letter Dated</b> :29.10.2020               |

|                                                 |                       |
|-------------------------------------------------|-----------------------|
| <b>Test Report as per :</b>                     | : NAAQS 2009          |
| <b>General Information :</b>                    |                       |
| Location of Sampling Point                      | : Near Shakti Vihar   |
| Date of Monitoring                              | : 04-11-2021          |
| Time of Monitoring                              | : 11:20 hrs           |
| Purpose of Monitoring                           | : For Self Monitoring |
| Duration of Monitoring, minutes                 | : 1440                |
| Avg. Flow Rate of Sampling, m <sup>3</sup> /min | : 1.33                |
| Volume of air sampled, m <sup>3</sup>           | : 1846.21             |
| Avg. Ambient Temperature, °C                    | : 28                  |

| Description |                                                            |                                                   |               |               |
|-------------|------------------------------------------------------------|---------------------------------------------------|---------------|---------------|
| Description |                                                            | Ambient Air Quality Monitoring                    |               |               |
| S.No.       | Parameters                                                 | Method                                            | Specification | Result        |
|             | <b>Discipline : Chemical</b>                               |                                                   |               |               |
|             | <b>Group : Atmospheric Pollution</b>                       |                                                   |               |               |
| <b>1.</b>   | <b>Ambient Air Quality Parameters</b>                      |                                                   |               |               |
| a.          | Sulphur Dioxide(SO <sub>2</sub> ), µg/m <sup>3</sup>       | IS:5182(P-2)                                      | 80 Max        | 23.41         |
| b.          | Nitrogen Dioxide(NO <sub>2</sub> ), µg/m <sup>3</sup>      | IS:5182(P-6)                                      | 80 Max        | 37.61         |
| c.          | Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>  | IS:5182(P-23)                                     | 100 Max       | 182.37        |
| d.          | Particulate matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup> | STP/ITC/EW-01                                     | 60 Max        | 81.23         |
| e.          | Ozone(O <sub>3</sub> ), µg/m <sup>3</sup>                  | IS:5182(P-9)                                      | 180 Max       | 19.87         |
| f.          | Lead(As Pb), µg/m <sup>3</sup>                             | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max       | BLQ(LOQ:0.1)  |
| g.          | Carbon Monoxide(CO), mg/m <sup>3</sup>                     | IS:5182(P-10)                                     | 4 Max         | BLQ (LOQ:1.0) |

*V. Saini*  
Vikrant  
22-11-2021  
Reviewer

*Prem Kumar*  
22-11-2021  
PremKumar  
[Authorized Signatory]

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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2111160677<br><b>Sample Reg. Date</b> :16-11-2021<br><b>Report Date</b> :22-11-2021<br><b>Report No.</b> :ICE-2111220900<br><b>NABL ULR No.</b> :TC592621000013849F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

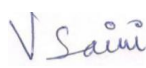
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | 34.20         |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ (LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per NAQQS 2009.  
Sampling Procedure: SOP/ITC/EW/056

**REMARKS :**N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Vikrant  
22-11-2021  
Reviewer

  
22-11-2021  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
Panchkula-134109 (Haryana)  
Phone : (O) 0172-2561543, 2565825  
Email : customersupport@itclabs.com  
Visit us :www.itclabs.com

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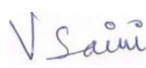
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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2111160679<br><b>Sample Reg. Date</b> :16-11-2021<br><b>Report Date</b> :22-11-2021<br><b>Report No.</b> :ICE-2111220888<br><b>NABL ULR No.</b> :TC592621000013854F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                 |                       |
|-------------------------------------------------|-----------------------|
| <b>Test Report as per :</b>                     | : NAAQS 2009          |
| <b>General Information :</b>                    |                       |
| Location of Sampling Point                      | : Near Gate No.3      |
| Date of Monitoring                              | : 08-11-2021          |
| Time of Monitoring                              | : 10:40 hrs           |
| Purpose of Monitoring                           | : For Self Monitoring |
| Duration of Monitoring, minutes                 | : 1440                |
| Avg. Flow Rate of Sampling, m <sup>3</sup> /min | : 1.34                |
| Volume of air sampled, m <sup>3</sup>           | : 1866.30             |
| Avg. Ambient Temperature, °C                    | : 27                  |

| Description                          |                                                            |               |               |        |
|--------------------------------------|------------------------------------------------------------|---------------|---------------|--------|
| Description                          | Ambient Air Quality Monitoring                             |               |               |        |
| S.No.                                | Parameters                                                 | Method        | Specification | Result |
| <b>Discipline : Chemical</b>         |                                                            |               |               |        |
| <b>Group : Atmospheric Pollution</b> |                                                            |               |               |        |
| 1.                                   | <b>Ambient Air Quality Parameters</b>                      |               |               |        |
| a.                                   | Sulphur Dioxide(SO <sub>2</sub> ), µg/m <sup>3</sup>       | IS:5182(P-2)  | 80 Max        | 18.42  |
| b.                                   | Nitrogen Dioxide(NO <sub>2</sub> ), µg/m <sup>3</sup>      | IS:5182(P-6)  | 80 Max        | 30.83  |
| c.                                   | Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>  | IS:5182(P-23) | 100 Max       | 123.76 |
| d.                                   | Particulate matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup> | STP/ITC/EW-01 | 60 Max        | 63.13  |
| e.                                   | Ozone(O <sub>3</sub> ), µg/m <sup>3</sup>                  | IS:5182(P-9)  | 180 Max       | 16.64  |

  
Vikrant  
22-11-2021  
Reviewer

  
22-11-2021  
PremKumar  
[Authorized Signatory]

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## Test Report

Document QF : 2501

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2111160679<br><b>Sample Reg. Date</b> :16-11-2021<br><b>Report Date</b> :22-11-2021<br><b>Report No.</b> :ICE-2111220888<br><b>NABL ULR No.</b> :TC592621000013854F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

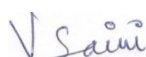
|    |                                                |                                                   |         |               |
|----|------------------------------------------------|---------------------------------------------------|---------|---------------|
| f. | Lead(As Pb),µg/m3                              | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max | BLQ(LOQ:0.1)  |
| g. | Carbon Monoxide(CO),mg/m3                      | IS:5182(P-10)                                     | 4 Max   | 1.4           |
| h. | Ammonia(NH3),µg/m3                             | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | 20.22         |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m3 | IS 5182 (Part 11)                                 | 5 Max   | BLQ (LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m3  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m3                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m3                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE** : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per NAQQS 2009.  
Sampling Procedure: SOP/ITC/EW/056

**REMARKS** :N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Vikrant  
22-11-2021  
Reviewer

  
22-11-2021  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
Panchkula-134109 (Haryana)  
Phone : (O) 0172-2561543, 2565825  
Email : customersupport@itclabs.com  
Visit us :www.itclabs.com

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## Test Report

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Page 1 of 2

|                                                     |                                               |
|-----------------------------------------------------|-----------------------------------------------|
| <b>Issued To</b>                                    | <b>Sample Reg. No.</b> :E01-2111160681        |
| Jhajjar Power Limited                               | <b>Sample Reg. Date</b> :16-11-2021           |
| Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar | <b>Report Date</b> :22-11-2021                |
| Jhajjar                                             | <b>Report No.</b> :ICE-2111220894             |
|                                                     | <b>NABL ULR No.</b> :TC592621000013853F       |
|                                                     | <b>Customer Ref. No.</b> :Order No.5030010814 |
|                                                     | <b>Letter Dated</b> :29.10.2020               |

|                                                 |                       |
|-------------------------------------------------|-----------------------|
| <b>Test Report as per :</b>                     | : NAAQS 2009          |
| <b>General Information :</b>                    |                       |
| Location of Sampling Point                      | : Near Shakti Vihar   |
| Date of Monitoring                              | : 08-11-2021          |
| Time of Monitoring                              | : 11:10 hrs           |
| Purpose of Monitoring                           | : For Self Monitoring |
| Duration of Monitoring, minutes                 | : 1440                |
| Avg. Flow Rate of Sampling, m <sup>3</sup> /min | : 1.33                |
| Volume of air sampled, m <sup>3</sup>           | : 1852.37             |
| Avg. Ambient Temperature, °C                    | : 27                  |

| Description |                                                            |                                                   |               |               |
|-------------|------------------------------------------------------------|---------------------------------------------------|---------------|---------------|
| Description |                                                            | Ambient Air Quality Monitoring                    |               |               |
| S.No.       | Parameters                                                 | Method                                            | Specification | Result        |
|             | <b>Discipline : Chemical</b>                               |                                                   |               |               |
|             | <b>Group : Atmospheric Pollution</b>                       |                                                   |               |               |
| <b>1.</b>   | <b>Ambient Air Quality Parameters</b>                      |                                                   |               |               |
| a.          | Sulphur Dioxide(SO <sub>2</sub> ), µg/m <sup>3</sup>       | IS:5182(P-2)                                      | 80 Max        | 14.74         |
| b.          | Nitrogen Dioxide(NO <sub>2</sub> ), µg/m <sup>3</sup>      | IS:5182(P-6)                                      | 80 Max        | 23.58         |
| c.          | Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>  | IS:5182(P-23)                                     | 100 Max       | 150.24        |
| d.          | Particulate matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup> | STP/ITC/EW-01                                     | 60 Max        | 66.92         |
| e.          | Ozone(O <sub>3</sub> ), µg/m <sup>3</sup>                  | IS:5182(P-9)                                      | 180 Max       | BLQ (LOQ:14)  |
| f.          | Lead(As Pb), µg/m <sup>3</sup>                             | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max       | BLQ(LOQ:0.1)  |
| g.          | Carbon Monoxide(CO), mg/m <sup>3</sup>                     | IS:5182(P-10)                                     | 4 Max         | BLQ (LOQ:1.0) |

*V. Saini*  
Vikrant  
22-11-2021  
Reviewer

*Prem Kumar*  
22-11-2021  
PremKumar  
[Authorized Signatory]

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## Test Report

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Page 2 of 2

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2111160681<br><b>Sample Reg. Date</b> :16-11-2021<br><b>Report Date</b> :22-11-2021<br><b>Report No.</b> :ICE-2111220894<br><b>NABL ULR No.</b> :TC592621000013853F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

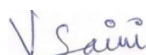
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | 13.76         |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ (LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per NAQQS 2009.  
Sampling Procedure: SOP/ITC/EW/056

**REMARKS :**N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Vikrant  
22-11-2021  
Reviewer

  
22-11-2021  
PremKumar  
[Authorized Signatory]

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|                                                     |                                               |
|-----------------------------------------------------|-----------------------------------------------|
| <b>Issued To</b>                                    | <b>Sample Reg. No.</b> :E01-2111160678        |
| Jhajjar Power Limited                               | <b>Sample Reg. Date</b> :16-11-2021           |
| Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar | <b>Report Date</b> :22-11-2021                |
| Jhajjar                                             | <b>Report No.</b> :ICE-2111220895             |
|                                                     | <b>NABL ULR No.</b> :TC592621000013851F       |
|                                                     | <b>Customer Ref. No.</b> :Order No.5030010814 |
|                                                     | <b>Letter Dated</b> :29.10.2020               |

|                                                 |                       |
|-------------------------------------------------|-----------------------|
| <b>Test Report as per :</b>                     | : NAAQS 2009          |
| <b>General Information :</b>                    |                       |
| Location of Sampling Point                      | : Near Guest House    |
| Date of Monitoring                              | : 08-11-2021          |
| Time of Monitoring                              | : 10:50 hrs           |
| Purpose of Monitoring                           | : For Self Monitoring |
| Duration of Monitoring, minutes                 | : 1440                |
| Avg. Flow Rate of Sampling, m <sup>3</sup> /min | : 1.33                |
| Volume of air sampled, m <sup>3</sup>           | : 1846.21             |
| Avg. Ambient Temperature, °C                    | : 28                  |

| Description |                                                            |                                                   |               |               |
|-------------|------------------------------------------------------------|---------------------------------------------------|---------------|---------------|
| Description |                                                            | Ambient Air Quality Monitoring                    |               |               |
| S.No.       | Parameters                                                 | Method                                            | Specification | Result        |
|             | <b>Discipline : Chemical</b>                               |                                                   |               |               |
|             | <b>Group : Atmospheric Pollution</b>                       |                                                   |               |               |
| <b>1.</b>   | <b>Ambient Air Quality Parameters</b>                      |                                                   |               |               |
| a.          | Sulphur Dioxide(SO <sub>2</sub> ), µg/m <sup>3</sup>       | IS:5182(P-2)                                      | 80 Max        | 11.70         |
| b.          | Nitrogen Dioxide(NO <sub>2</sub> ), µg/m <sup>3</sup>      | IS:5182(P-6)                                      | 80 Max        | 26.08         |
| c.          | Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>  | IS:5182(P-23)                                     | 100 Max       | 137.58        |
| d.          | Particulate matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup> | STP/ITC/EW-01                                     | 60 Max        | 56.40         |
| e.          | Ozone(O <sub>3</sub> ), µg/m <sup>3</sup>                  | IS:5182(P-9)                                      | 180 Max       | BLQ (LOQ:14)  |
| f.          | Lead(As Pb), µg/m <sup>3</sup>                             | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max       | BLQ(LOQ:0.1)  |
| g.          | Carbon Monoxide(CO), mg/m <sup>3</sup>                     | IS:5182(P-10)                                     | 4 Max         | BLQ (LOQ:1.0) |

*V. Saini*  
Vikrant  
22-11-2021  
Reviewer

*Prem Kumar*  
22-11-2021  
PremKumar  
[Authorized Signatory]

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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2111160678<br><b>Sample Reg. Date</b> :16-11-2021<br><b>Report Date</b> :22-11-2021<br><b>Report No.</b> :ICE-2111220895<br><b>NABL ULR No.</b> :TC592621000013851F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

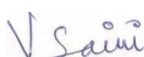
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | 14.37         |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ (LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per NAQQS 2009.  
Sampling Procedure: SOP/ITC/EW/056

**REMARKS :**N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Vikrant  
22-11-2021  
Reviewer

  
22-11-2021  
PremKumar  
[Authorized Signatory]

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|                                                     |                                               |
|-----------------------------------------------------|-----------------------------------------------|
| <b>Issued To</b>                                    | <b>Sample Reg. No.</b> :E01-2111160680        |
| Jhajjar Power Limited                               | <b>Sample Reg. Date</b> :16-11-2021           |
| Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar | <b>Report Date</b> :22-11-2021                |
| Jhajjar                                             | <b>Report No.</b> :ICE-2111220889             |
|                                                     | <b>NABL ULR No.</b> :TC592621000013850F       |
|                                                     | <b>Customer Ref. No.</b> :Order No.5030010814 |
|                                                     | <b>Letter Dated</b> :29.10.2020               |

|                                                 |                       |
|-------------------------------------------------|-----------------------|
| <b>Test Report as per :</b>                     | : NAAQS 2009          |
| <b>General Information :</b>                    |                       |
| Location of Sampling Point                      | : Village-Khanpur     |
| Date of Monitoring                              | : 08-11-2021          |
| Time of Monitoring                              | : 10:30 hrs           |
| Purpose of Monitoring                           | : For Self Monitoring |
| Duration of Monitoring, minutes                 | : 1440                |
| Avg. Flow Rate of Sampling, m <sup>3</sup> /min | : 1.33                |
| Volume of air sampled, m <sup>3</sup>           | : 1852.37             |
| Avg. Ambient Temperature, °C                    | : 27                  |

| Description |                                                            |                                                   |               |              |
|-------------|------------------------------------------------------------|---------------------------------------------------|---------------|--------------|
| Description |                                                            | Ambient Air Quality Monitoring                    |               |              |
| S.No.       | Parameters                                                 | Method                                            | Specification | Result       |
|             | <b>Discipline : Chemical</b>                               |                                                   |               |              |
|             | <b>Group : Atmospheric Pollution</b>                       |                                                   |               |              |
| <b>1.</b>   | <b>Ambient Air Quality Parameters</b>                      |                                                   |               |              |
| a.          | Sulphur Dioxide(SO <sub>2</sub> ), µg/m <sup>3</sup>       | IS:5182(P-2)                                      | 80 Max        | 21.49        |
| b.          | Nitrogen Dioxide(NO <sub>2</sub> ), µg/m <sup>3</sup>      | IS:5182(P-6)                                      | 80 Max        | 39.90        |
| c.          | Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>  | IS:5182(P-23)                                     | 100 Max       | 189.43       |
| d.          | Particulate matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup> | STP/ITC/EW-01                                     | 60 Max        | 68.60        |
| e.          | Ozone(O <sub>3</sub> ), µg/m <sup>3</sup>                  | IS:5182(P-9)                                      | 180 Max       | 15.30        |
| f.          | Lead(As Pb), µg/m <sup>3</sup>                             | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max       | BLQ(LOQ:0.1) |
| g.          | Carbon Monoxide(CO), mg/m <sup>3</sup>                     | IS:5182(P-10)                                     | 4 Max         | 1.5          |

*V. Saini*  
Vikrant  
22-11-2021  
Reviewer

*PremKumar*  
22-11-2021  
PremKumar  
[Authorized Signatory]

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2111160680<br><b>Sample Reg. Date</b> :16-11-2021<br><b>Report Date</b> :22-11-2021<br><b>Report No.</b> :ICE-2111220889<br><b>NABL ULR No.</b> :TC592621000013850F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

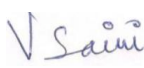
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | 23.84         |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ (LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per NAQQS 2009.  
Sampling Procedure: SOP/ITC/EW/056

**REMARKS :**N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Vikrant  
22-11-2021  
Reviewer

  
22-11-2021  
PremKumar  
[Authorized Signatory]

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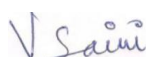
## Test Report

Document QF : 2501  
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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2111160684<br><b>Sample Reg. Date</b> :16-11-2021<br><b>Report Date</b> :22-11-2021<br><b>Report No.</b> :ICE-2111220891<br><b>NABL ULR No.</b> :TC592621000013857F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                                                                                                                                                                                                                                                                |                                                                                                                    |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|
| <b>Test Report as per :</b>                                                                                                                                                                                                                                                                    | : NAAQS 2009                                                                                                       |
| <b>General Information :</b><br>Location of Sampling Point<br>Date of Monitoring<br>Time of Monitoring<br>Purpose of Monitoring<br>Duration of Monitoring, minutes<br>Avg. Flow Rate of Sampling, m <sup>3</sup> /min<br>Volume of air sampled, m <sup>3</sup><br>Avg. Ambient Temperature, °C | : Village-Khanpur<br>: 11-11-2021<br>: 10:10 hrs<br>: For Self Monitoring<br>: 1440<br>: 1.33<br>: 1852.37<br>: 27 |

| Description                          |                                                            |                                                   |               |              |
|--------------------------------------|------------------------------------------------------------|---------------------------------------------------|---------------|--------------|
| Description                          |                                                            | Ambient Air Quality Monitoring                    |               |              |
| S.No.                                | Parameters                                                 | Method                                            | Specification | Result       |
| <b>Discipline : Chemical</b>         |                                                            |                                                   |               |              |
| <b>Group : Atmospheric Pollution</b> |                                                            |                                                   |               |              |
| 1.                                   | <b>Ambient Air Quality Parameters</b>                      |                                                   |               |              |
| a.                                   | Sulphur Dioxide(SO <sub>2</sub> ), µg/m <sup>3</sup>       | IS:5182(P-2)                                      | 80 Max        | 20.88        |
| b.                                   | Nitrogen Dioxide(NO <sub>2</sub> ), µg/m <sup>3</sup>      | IS:5182(P-6)                                      | 80 Max        | 34.46        |
| c.                                   | Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>  | IS:5182(P-23)                                     | 100 Max       | 160.23       |
| d.                                   | Particulate matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup> | STP/ITC/EW-01                                     | 60 Max        | 72.39        |
| e.                                   | Ozone(O <sub>3</sub> ), µg/m <sup>3</sup>                  | IS:5182(P-9)                                      | 180 Max       | 16.95        |
| f.                                   | Lead(As Pb), µg/m <sup>3</sup>                             | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max       | BLQ(LOQ:0.1) |
| g.                                   | Carbon Monoxide(CO), mg/m <sup>3</sup>                     | IS:5182(P-10)                                     | 4 Max         | 1.4          |

  
Vikrant  
22-11-2021  
Reviewer

  
22-11-2021  
PremKumar  
[Authorized Signatory]

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## Test Report

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2111160684<br><b>Sample Reg. Date</b> :16-11-2021<br><b>Report Date</b> :22-11-2021<br><b>Report No.</b> :ICE-2111220891<br><b>NABL ULR No.</b> :TC592621000013857F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

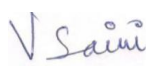
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | 23.10         |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ (LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per NAQQS 2009.  
Sampling Procedure: SOP/ITC/EW/056

**REMARKS :**N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Vikrant  
22-11-2021  
Reviewer

  
22-11-2021  
PremKumar  
[Authorized Signatory]

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|                                                     |                                               |
|-----------------------------------------------------|-----------------------------------------------|
| <b>Issued To</b>                                    | <b>Sample Reg. No.</b> :E01-2111160683        |
| Jhajjar Power Limited                               | <b>Sample Reg. Date</b> :16-11-2021           |
| Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar | <b>Report Date</b> :22-11-2021                |
| Jhajjar                                             | <b>Report No.</b> :ICE-2111220892             |
|                                                     | <b>NABL ULR No.</b> :TC592621000013856F       |
|                                                     | <b>Customer Ref. No.</b> :Order No.5030010814 |
|                                                     | <b>Letter Dated</b> :29.10.2020               |

|                                                 |                       |
|-------------------------------------------------|-----------------------|
| <b>Test Report as per :</b>                     | : NAAQS 2009          |
| <b>General Information :</b>                    |                       |
| Location of Sampling Point                      | : Near Gate No.3      |
| Date of Monitoring                              | : 11-11-2021          |
| Time of Monitoring                              | : 10:20 hrs           |
| Purpose of Monitoring                           | : For Self Monitoring |
| Duration of Monitoring, minutes                 | : 1440                |
| Avg. Flow Rate of Sampling, m <sup>3</sup> /min | : 1.33                |
| Volume of air sampled, m <sup>3</sup>           | : 1852.37             |
| Avg. Ambient Temperature, °C                    | : 27                  |

| Description |                                                            |                                                   |               |              |
|-------------|------------------------------------------------------------|---------------------------------------------------|---------------|--------------|
| Description |                                                            | Ambient Air Quality Monitoring                    |               |              |
| S.No.       | Parameters                                                 | Method                                            | Specification | Result       |
|             | <b>Discipline : Chemical</b>                               |                                                   |               |              |
|             | <b>Group : Atmospheric Pollution</b>                       |                                                   |               |              |
| <b>1.</b>   | <b>Ambient Air Quality Parameters</b>                      |                                                   |               |              |
| a.          | Sulphur Dioxide(SO <sub>2</sub> ), µg/m <sup>3</sup>       | IS:5182(P-2)                                      | 80 Max        | 23.33        |
| b.          | Nitrogen Dioxide(NO <sub>2</sub> ), µg/m <sup>3</sup>      | IS:5182(P-6)                                      | 80 Max        | 36.88        |
| c.          | Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>  | IS:5182(P-23)                                     | 100 Max       | 167.35       |
| d.          | Particulate matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup> | STP/ITC/EW-01                                     | 60 Max        | 75.34        |
| e.          | Ozone(O <sub>3</sub> ), µg/m <sup>3</sup>                  | IS:5182(P-9)                                      | 180 Max       | 15.70        |
| f.          | Lead(As Pb), µg/m <sup>3</sup>                             | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max       | BLQ(LOQ:0.1) |
| g.          | Carbon Monoxide(CO), mg/m <sup>3</sup>                     | IS:5182(P-10)                                     | 4 Max         | 1.3          |

*V. Saini*  
Vikrant  
22-11-2021  
Reviewer

*Prem Kumar*  
22-11-2021  
PremKumar  
[Authorized Signatory]

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2111160683<br><b>Sample Reg. Date</b> :16-11-2021<br><b>Report Date</b> :22-11-2021<br><b>Report No.</b> :ICE-2111220892<br><b>NABL ULR No.</b> :TC592621000013856F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

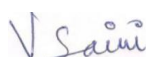
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | 27.58         |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ (LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per NAQQS 2009.  
Sampling Procedure: SOP/ITC/EW/056

**REMARKS :**N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Vikrant  
22-11-2021  
Reviewer

  
22-11-2021  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
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Panchkula-134109 (Haryana)  
Phone : (O) 0172-2561543, 2565825  
Email : customersupport@itclabs.com  
Visit us : www.itclabs.com

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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2111160685<br><b>Sample Reg. Date</b> :16-11-2021<br><b>Report Date</b> :22-11-2021<br><b>Report No.</b> :ICE-2111220896<br><b>NABL ULR No.</b> :TC592621000013852F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                                                                                                                                                                                                                                                                |                                                                                                                      |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|
| <b>Test Report as per :</b>                                                                                                                                                                                                                                                                    | : NAAQS 2009                                                                                                         |
| <b>General Information :</b><br>Location of Sampling Point<br>Date of Monitoring<br>Time of Monitoring<br>Purpose of Monitoring<br>Duration of Monitoring, minutes<br>Avg. Flow Rate of Sampling, m <sup>3</sup> /min<br>Volume of air sampled, m <sup>3</sup><br>Avg. Ambient Temperature, °C | : Near Shakti Vihar<br>: 11-11-2021<br>: 11:00 hrs<br>: For Self Monitoring<br>: 1440<br>: 1.33<br>: 1852.37<br>: 27 |

| Description                          |                                                            |                                                   |               |               |
|--------------------------------------|------------------------------------------------------------|---------------------------------------------------|---------------|---------------|
| Description                          |                                                            | Ambient Air Quality Monitoring                    |               |               |
| S.No.                                | Parameters                                                 | Method                                            | Specification | Result        |
| <b>Discipline : Chemical</b>         |                                                            |                                                   |               |               |
| <b>Group : Atmospheric Pollution</b> |                                                            |                                                   |               |               |
| <b>1.</b>                            | <b>Ambient Air Quality Parameters</b>                      |                                                   |               |               |
| a.                                   | Sulphur Dioxide(SO <sub>2</sub> ), μg/m <sup>3</sup>       | IS:5182(P-2)                                      | 80 Max        | 13.51         |
| b.                                   | Nitrogen Dioxide(NO <sub>2</sub> ), μg/m <sup>3</sup>      | IS:5182(P-6)                                      | 80 Max        | 22.97         |
| c.                                   | Particulate Matter (PM <sub>10</sub> ), μg/m <sup>3</sup>  | IS:5182(P-23)                                     | 100 Max       | 148.35        |
| d.                                   | Particulate matter (PM <sub>2.5</sub> ), μg/m <sup>3</sup> | STP/ITC/EW-01                                     | 60 Max        | 65.66         |
| e.                                   | Ozone(O <sub>3</sub> ), μg/m <sup>3</sup>                  | IS:5182(P-9)                                      | 180 Max       | 14.23         |
| f.                                   | Lead(As Pb), μg/m <sup>3</sup>                             | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max       | BLQ(LOQ:0.1)  |
| g.                                   | Carbon Monoxide(CO), mg/m <sup>3</sup>                     | IS:5182(P-10)                                     | 4 Max         | BLQ (LOQ:1.0) |

*V. Saini*  
Vikrant  
22-11-2021  
Reviewer

*Prem Kumar*  
22-11-2021  
PremKumar  
[Authorized Signatory]

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|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

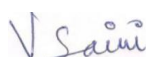
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | 20.78         |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ (LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per NAQQS 2009.  
Sampling Procedure: SOP/ITC/EW/056

**REMARKS :**N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Vikrant  
22-11-2021  
Reviewer

  
22-11-2021  
PremKumar  
[Authorized Signatory]

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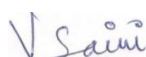
## Test Report

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2111160682<br><b>Sample Reg. Date</b> :16-11-2021<br><b>Report Date</b> :22-11-2021<br><b>Report No.</b> :ICE-2111220893<br><b>NABL ULR No.</b> :TC592621000013855F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                                                                                                                                                                                                                                                                |                                                                                                                     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| <b>Test Report as per :</b>                                                                                                                                                                                                                                                                    | : NAAQS 2009                                                                                                        |
| <b>General Information :</b><br>Location of Sampling Point<br>Date of Monitoring<br>Time of Monitoring<br>Purpose of Monitoring<br>Duration of Monitoring, minutes<br>Avg. Flow Rate of Sampling, m <sup>3</sup> /min<br>Volume of air sampled, m <sup>3</sup><br>Avg. Ambient Temperature, °C | : Near Guest House<br>: 11-11-2021<br>: 10:40 hrs<br>: For Self Monitoring<br>: 1440<br>: 1.33<br>: 1852.37<br>: 27 |

| Description                          |                                                            |                                                   |               |               |
|--------------------------------------|------------------------------------------------------------|---------------------------------------------------|---------------|---------------|
| Description                          | Ambient Air Quality Monitoring                             |                                                   |               |               |
| S.No.                                | Parameters                                                 | Method                                            | Specification | Result        |
| <b>Discipline : Chemical</b>         |                                                            |                                                   |               |               |
| <b>Group : Atmospheric Pollution</b> |                                                            |                                                   |               |               |
| <b>1.</b>                            | <b>Ambient Air Quality Parameters</b>                      |                                                   |               |               |
| a.                                   | Sulphur Dioxide(SO <sub>2</sub> ), µg/m <sup>3</sup>       | IS:5182(P-2)                                      | 80 Max        | 15.35         |
| b.                                   | Nitrogen Dioxide(NO <sub>2</sub> ), µg/m <sup>3</sup>      | IS:5182(P-6)                                      | 80 Max        | 29.62         |
| c.                                   | Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>  | IS:5182(P-23)                                     | 100 Max       | 140.79        |
| d.                                   | Particulate matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup> | STP/ITC/EW-01                                     | 60 Max        | 63.13         |
| e.                                   | Ozone(O <sub>3</sub> ), µg/m <sup>3</sup>                  | IS:5182(P-9)                                      | 180 Max       | 14.59         |
| f.                                   | Lead(As Pb), µg/m <sup>3</sup>                             | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max       | BLQ(LOQ:0.1)  |
| g.                                   | Carbon Monoxide(CO), mg/m <sup>3</sup>                     | IS:5182(P-10)                                     | 4 Max         | BLQ (LOQ:1.0) |

  
Vikrant  
22-11-2021  
Reviewer

  
22-11-2021  
PremKumar  
[Authorized Signatory]

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|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

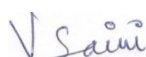
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | 18.06         |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ (LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per NAQQS 2009.  
Sampling Procedure: SOP/ITC/EW/056

**REMARKS :**N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Vikrant  
22-11-2021  
Reviewer

  
22-11-2021  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
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Visit us :www.itclabs.com

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|                                                     |                                               |
|-----------------------------------------------------|-----------------------------------------------|
| <b>Issued To</b>                                    | <b>Sample Reg. No.</b> :E01-2111230943        |
| Jhajjar Power Limited                               | <b>Sample Reg. Date</b> :23-11-2021           |
| Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar | <b>Report Date</b> :27-11-2021                |
| Jhajjar                                             | <b>Report No.</b> :ICE-2111271175             |
|                                                     | <b>NABL ULR No.</b> :TC592621000014135F       |
|                                                     | <b>Customer Ref. No.</b> :Order No.5030010814 |
|                                                     | <b>Letter Dated</b> :29.10.2020               |

|                                                 |                       |
|-------------------------------------------------|-----------------------|
| <b>Test Report as per :</b>                     | : NAAQS 2009          |
| <b>General Information :</b>                    |                       |
| Location of Sampling Point                      | : Near Gate No.3      |
| Date of Monitoring                              | : 15-11-2021          |
| Time of Monitoring                              | : 10:40 hrs           |
| Purpose of Monitoring                           | : For Self Monitoring |
| Duration of Monitoring, minutes                 | : 1440                |
| Avg. Flow Rate of Sampling, m <sup>3</sup> /min | : 1.34                |
| Volume of air sampled, m <sup>3</sup>           | : 1866.30             |
| Avg. Ambient Temperature, °C                    | : 27                  |

| Description |                                                            |                                                   |               |               |
|-------------|------------------------------------------------------------|---------------------------------------------------|---------------|---------------|
| Description |                                                            | Ambient Air Quality Monitoring                    |               |               |
| S.No.       | Parameters                                                 | Method                                            | Specification | Result        |
|             | <b>Discipline : Chemical</b>                               |                                                   |               |               |
|             | <b>Group : Atmospheric Pollution</b>                       |                                                   |               |               |
| <b>1.</b>   | <b>Ambient Air Quality Parameters</b>                      |                                                   |               |               |
| a.          | Sulphur Dioxide(SO <sub>2</sub> ), µg/m <sup>3</sup>       | IS:5182(P-2)                                      | 80 Max        | 28.19         |
| b.          | Nitrogen Dioxide(NO <sub>2</sub> ), µg/m <sup>3</sup>      | IS:5182(P-6)                                      | 80 Max        | 40.15         |
| c.          | Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>  | IS:5182(P-23)                                     | 100 Max       | 172.27        |
| d.          | Particulate matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup> | STP/ITC/EW-01                                     | 60 Max        | 79.96         |
| e.          | Ozone(O <sub>3</sub> ), µg/m <sup>3</sup>                  | IS:5182(P-9)                                      | 180 Max       | 21.21         |
| f.          | Lead(As Pb), µg/m <sup>3</sup>                             | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max       | BLQ(LOQ:0.10) |
| g.          | Carbon Monoxide(CO), mg/m <sup>3</sup>                     | IS:5182(P-10)                                     | 4 Max         | 1.2           |

*V. Saini*  
Vikrant  
27-11-2021  
Reviewer

*PremKumar*  
27-11-2021  
PremKumar  
[Authorized Signatory]

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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2111230943<br><b>Sample Reg. Date</b> :23-11-2021<br><b>Report Date</b> :27-11-2021<br><b>Report No.</b> :ICE-2111271175<br><b>NABL ULR No.</b> :TC592621000014135F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

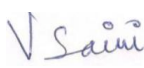
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | 32.79         |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ (LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per NAQQS 2009.  
Sampling Procedure: SOP/ITC/EW/056

**REMARKS :**N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Vikrant  
27-11-2021  
Reviewer

  
27-11-2021  
PremKumar  
[Authorized Signatory]

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|                                                     |                                               |
|-----------------------------------------------------|-----------------------------------------------|
| <b>Issued To</b>                                    | <b>Sample Reg. No.</b> :E01-2111230942        |
| Jhajjar Power Limited                               | <b>Sample Reg. Date</b> :23-11-2021           |
| Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar | <b>Report Date</b> :27-11-2021                |
| Jhajjar                                             | <b>Report No.</b> :ICE-2111271173             |
|                                                     | <b>NABL ULR No.</b> :TC592621000014140F       |
|                                                     | <b>Customer Ref. No.</b> :Order No.5030010814 |
|                                                     | <b>Letter Dated</b> :29.10.2020               |

|                                                 |                       |
|-------------------------------------------------|-----------------------|
| <b>Test Report as per :</b>                     | : NAAQS 2009          |
| <b>General Information :</b>                    |                       |
| Location of Sampling Point                      | : Near Guest House    |
| Date of Monitoring                              | : 15-11-2021          |
| Time of Monitoring                              | : 10:50 hrs           |
| Purpose of Monitoring                           | : For Self Monitoring |
| Duration of Monitoring, minutes                 | : 1440                |
| Avg. Flow Rate of Sampling, m <sup>3</sup> /min | : 1.33                |
| Volume of air sampled, m <sup>3</sup>           | : 1871.08             |
| Avg. Ambient Temperature, °C                    | : 24                  |

| Description |                                                            |                                                   |               |               |
|-------------|------------------------------------------------------------|---------------------------------------------------|---------------|---------------|
| Description |                                                            | Ambient Air Quality Monitoring                    |               |               |
| S.No.       | Parameters                                                 | Method                                            | Specification | Result        |
|             | <b>Discipline : Chemical</b>                               |                                                   |               |               |
|             | <b>Group : Atmospheric Pollution</b>                       |                                                   |               |               |
| <b>1.</b>   | <b>Ambient Air Quality Parameters</b>                      |                                                   |               |               |
| a.          | Sulphur Dioxide(SO <sub>2</sub> ), µg/m <sup>3</sup>       | IS:5182(P-2)                                      | 80 Max        | 18.24         |
| b.          | Nitrogen Dioxide(NO <sub>2</sub> ), µg/m <sup>3</sup>      | IS:5182(P-6)                                      | 80 Max        | 31.12         |
| c.          | Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>  | IS:5182(P-23)                                     | 100 Max       | 144.25        |
| d.          | Particulate matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup> | STP/ITC/EW-01                                     | 60 Max        | 66.91         |
| e.          | Ozone(O <sub>3</sub> ), µg/m <sup>3</sup>                  | IS:5182(P-9)                                      | 180 Max       | 14.20         |
| f.          | Lead(As Pb), µg/m <sup>3</sup>                             | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max       | BLQ(LOQ:0.10) |
| g.          | Carbon Monoxide(CO), mg/m <sup>3</sup>                     | IS:5182(P-10)                                     | 4 Max         | BLQ (LOQ:1.0) |

*V. Saini*  
Vikrant  
27-11-2021  
Reviewer

*Prem Kumar*  
27-11-2021  
PremKumar  
[Authorized Signatory]

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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2111230942<br><b>Sample Reg. Date</b> :23-11-2021<br><b>Report Date</b> :27-11-2021<br><b>Report No.</b> :ICE-2111271173<br><b>NABL ULR No.</b> :TC592621000014140F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

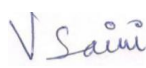
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | 20.24         |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ (LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per NAQQS 2009.  
Sampling Procedure: SOP/ITC/EW/056

**REMARKS :**N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Vikrant  
27-11-2021  
Reviewer

  
27-11-2021  
PremKumar  
[Authorized Signatory]

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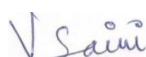
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2111230944<br><b>Sample Reg. Date</b> :23-11-2021<br><b>Report Date</b> :27-11-2021<br><b>Report No.</b> :ICE-2111271176<br><b>NABL ULR No.</b> :TC592621000014134F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                                                                                                                                                                                                                                                                |                                                                                                                     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| <b>Test Report as per :</b>                                                                                                                                                                                                                                                                    | : NAAQS 2009                                                                                                        |
| <b>General Information :</b><br>Location of Sampling Point<br>Date of Monitoring<br>Time of Monitoring<br>Purpose of Monitoring<br>Duration of Monitoring, minutes<br>Avg. Flow Rate of Sampling, m <sup>3</sup> /min<br>Volume of air sampled, m <sup>3</sup><br>Avg. Ambient Temperature, °C | : Village- Khanpur<br>: 15-11-2021<br>: 10:30 hrs<br>: For Self Monitoring<br>: 1440<br>: 1.33<br>: 1871.08<br>: 24 |

| Description                          |                                                            |                                                   |               |               |
|--------------------------------------|------------------------------------------------------------|---------------------------------------------------|---------------|---------------|
| Description                          |                                                            | Ambient Air Quality Monitoring                    |               |               |
| S.No.                                | Parameters                                                 | Method                                            | Specification | Result        |
| <b>Discipline : Chemical</b>         |                                                            |                                                   |               |               |
| <b>Group : Atmospheric Pollution</b> |                                                            |                                                   |               |               |
| <b>1.</b>                            | <b>Ambient Air Quality Parameters</b>                      |                                                   |               |               |
| a.                                   | Sulphur Dioxide(SO <sub>2</sub> ), µg/m <sup>3</sup>       | IS:5182(P-2)                                      | 80 Max        | 22.49         |
| b.                                   | Nitrogen Dioxide(NO <sub>2</sub> ), µg/m <sup>3</sup>      | IS:5182(P-6)                                      | 80 Max        | 31.72         |
| c.                                   | Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>  | IS:5182(P-23)                                     | 100 Max       | 154.46        |
| d.                                   | Particulate matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup> | STP/ITC/EW-01                                     | 60 Max        | 68.18         |
| e.                                   | Ozone(O <sub>3</sub> ), µg/m <sup>3</sup>                  | IS:5182(P-9)                                      | 180 Max       | 19.37         |
| f.                                   | Lead(As Pb), µg/m <sup>3</sup>                             | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max       | BLQ(LOQ:0.10) |
| g.                                   | Carbon Monoxide(CO), mg/m <sup>3</sup>                     | IS:5182(P-10)                                     | 4 Max         | 1.3           |

  
Vikrant  
27-11-2021  
Reviewer

  
27-11-2021  
PremKumar  
[Authorized Signatory]

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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2111230944<br><b>Sample Reg. Date</b> :23-11-2021<br><b>Report Date</b> :27-11-2021<br><b>Report No.</b> :ICE-2111271176<br><b>NABL ULR No.</b> :TC592621000014134F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
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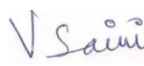
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | 27.58         |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ (LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per NAQQS 2009.  
Sampling Procedure: SOP/ITC/EW/056

**REMARKS :**N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Vikrant  
27-11-2021  
Reviewer

  
27-11-2021  
PremKumar  
[Authorized Signatory]

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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2111230945<br><b>Sample Reg. Date</b> :23-11-2021<br><b>Report Date</b> :27-11-2021<br><b>Report No.</b> :ICE-2111271174<br><b>NABL ULR No.</b> :TC592621000014139F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                                                                                                                                                                                                                                                                |                                                                                                                      |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|
| <b>Test Report as per :</b>                                                                                                                                                                                                                                                                    | : NAAQS 2009                                                                                                         |
| <b>General Information :</b><br>Location of Sampling Point<br>Date of Monitoring<br>Time of Monitoring<br>Purpose of Monitoring<br>Duration of Monitoring, minutes<br>Avg. Flow Rate of Sampling, m <sup>3</sup> /min<br>Volume of air sampled, m <sup>3</sup><br>Avg. Ambient Temperature, °C | : Near Shakti Vihar<br>: 15-11-2021<br>: 11:10 hrs<br>: For Self Monitoring<br>: 1440<br>: 1.34<br>: 1872.54<br>: 26 |

| Description                          |                                                            |                                                   |               |               |
|--------------------------------------|------------------------------------------------------------|---------------------------------------------------|---------------|---------------|
| Description                          |                                                            | Ambient Air Quality Monitoring                    |               |               |
| S.No.                                | Parameters                                                 | Method                                            | Specification | Result        |
| <b>Discipline : Chemical</b>         |                                                            |                                                   |               |               |
| <b>Group : Atmospheric Pollution</b> |                                                            |                                                   |               |               |
| <b>1.</b>                            | <b>Ambient Air Quality Parameters</b>                      |                                                   |               |               |
| a.                                   | Sulphur Dioxide(SO <sub>2</sub> ), µg/m <sup>3</sup>       | IS:5182(P-2)                                      | 80 Max        | 15.30         |
| b.                                   | Nitrogen Dioxide(NO <sub>2</sub> ), µg/m <sup>3</sup>      | IS:5182(P-6)                                      | 80 Max        | 25.31         |
| c.                                   | Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>  | IS:5182(P-23)                                     | 100 Max       | 157.27        |
| d.                                   | Particulate matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup> | STP/ITC/EW-01                                     | 60 Max        | 69.02         |
| e.                                   | Ozone(O <sub>3</sub> ), µg/m <sup>3</sup>                  | IS:5182(P-9)                                      | 180 Max       | 15.25         |
| f.                                   | Lead(As Pb), µg/m <sup>3</sup>                             | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max       | BLQ(LOQ:0.10) |
| g.                                   | Carbon Monoxide(CO), mg/m <sup>3</sup>                     | IS:5182(P-10)                                     | 4 Max         | BLQ (LOQ:1.0) |

*V. Saini*  
Vikrant  
27-11-2021  
Reviewer

*Prem Kumar*  
27-11-2021  
PremKumar  
[Authorized Signatory]

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|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2111230945<br><b>Sample Reg. Date</b> :23-11-2021<br><b>Report Date</b> :27-11-2021<br><b>Report No.</b> :ICE-2111271174<br><b>NABL ULR No.</b> :TC592621000014139F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

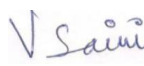
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | 19.25         |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ (LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per NAQQS 2009.  
Sampling Procedure: SOP/ITC/EW/056

**REMARKS :**N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Vikrant  
27-11-2021  
Reviewer

  
27-11-2021  
PremKumar  
[Authorized Signatory]

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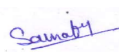
## Test Report

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Page 1 of 2

|                                                     |                                               |
|-----------------------------------------------------|-----------------------------------------------|
| <b>Issued To</b>                                    | <b>Sample Reg. No.</b> :E01-2111291237        |
| Jhajjar Power Limited                               | <b>Sample Reg. Date</b> :29-11-2021           |
| Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar | <b>Report Date</b> :06-12-2021                |
| Jhajjar                                             | <b>Report No.</b> :ICE-2112060185             |
|                                                     | <b>NABL ULR No.</b> :TC592621000014424F       |
|                                                     | <b>Customer Ref. No.</b> :Order No.5030010814 |
|                                                     | <b>Letter Dated</b> :29.10.2020               |

|                                                 |                       |
|-------------------------------------------------|-----------------------|
| <b>Test Report as per :</b>                     | : NAAQS 2009          |
| <b>General Information :</b>                    |                       |
| Location of Sampling Point                      | : Village- Khanpur    |
| Date of Monitoring                              | : 18-11-2021          |
| Time of Monitoring                              | : 10:30 hrs           |
| Purpose of Monitoring                           | : For Self Monitoring |
| Duration of Monitoring, minutes                 | : 1440                |
| Avg. Flow Rate of Sampling, m <sup>3</sup> /min | : 1.32                |
| Volume of air sampled, m <sup>3</sup>           | : 1882.36             |
| Avg. Ambient Temperature, °C                    | : 20                  |

| Description |                                                            |                                                   |               |              |
|-------------|------------------------------------------------------------|---------------------------------------------------|---------------|--------------|
| Description |                                                            | Ambient Air Quality Monitoring                    |               |              |
| S.No.       | Parameters                                                 | Method                                            | Specification | Result       |
|             | <b>Discipline : Chemical</b>                               |                                                   |               |              |
|             | <b>Group : Atmospheric Pollution</b>                       |                                                   |               |              |
| <b>1.</b>   | <b>Ambient Air Quality Parameters</b>                      |                                                   |               |              |
| a.          | Sulphur Dioxide(SO <sub>2</sub> ), µg/m <sup>3</sup>       | IS:5182(P-2)                                      | 80 Max        | 10.45        |
| b.          | Nitrogen Dioxide(NO <sub>2</sub> ), µg/m <sup>3</sup>      | IS:5182(P-6)                                      | 80 Max        | 24.12        |
| c.          | Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>  | IS:5182(P-23)                                     | 100 Max       | 142.35       |
| d.          | Particulate matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup> | STP/ITC/EW-01                                     | 60 Max        | 62.87        |
| e.          | Ozone(O <sub>3</sub> ), µg/m <sup>3</sup>                  | IS:5182(P-9)                                      | 180 Max       | 16.35        |
| f.          | Lead(As Pb), µg/m <sup>3</sup>                             | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max       | BLQ(LOQ:0.1) |
| g.          | Carbon Monoxide(CO), mg/m <sup>3</sup>                     | IS:5182(P-10)                                     | 4 Max         | 1.2          |

  
Saurabh Sharma  
06-12-2021  
Reviewer

  
06-12-2021  
Prem Kumar  
[Authorized Signatory]

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## Test Report

Document QF : 2501  
Page 2 of 2

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2111291237<br><b>Sample Reg. Date</b> :29-11-2021<br><b>Report Date</b> :06-12-2021<br><b>Report No.</b> :ICE-2112060185<br><b>NABL ULR No.</b> :TC592621000014424F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

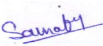
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | 21.65         |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ (LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per NAAQS 2009, Sampling Procedure - SOP/ITC/EW/056

**REMARKS :** N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
06-12-2021  
Reviewer

  
06-12-2021  
PremKumar  
[Authorized Signatory]

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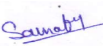
## Test Report

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Page 1 of 2

|                                                                                         |                                                                                                                                                                                                                                                                                     |
|-----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b>                                                                        | <b>Sample Reg. No.</b> :E01-2111291236<br><b>Sample Reg. Date</b> :29-11-2021<br><b>Report Date</b> :06-12-2021<br><b>Report No.</b> :ICE-2112060186<br><b>NABL ULR No.</b> :TC592621000014451F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
| Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar |                                                                                                                                                                                                                                                                                     |

|                                                 |                       |
|-------------------------------------------------|-----------------------|
| <b>Test Report as per :</b>                     | : NAAQS 2009          |
| <b>General Information :</b>                    |                       |
| Location of Sampling Point                      | : Near Gate No.3      |
| Date of Monitoring                              | : 18-11-2021          |
| Time of Monitoring                              | : 10:40 hrs           |
| Purpose of Monitoring                           | : For Self Monitoring |
| Duration of Monitoring, minutes                 | : 1440                |
| Avg. Flow Rate of Sampling, m <sup>3</sup> /min | : 1.32                |
| Volume of air sampled, m <sup>3</sup>           | : 1850.78             |
| Avg. Ambient Temperature, °C                    | : 25                  |

| Description |                                                            |                                |               |               |        |
|-------------|------------------------------------------------------------|--------------------------------|---------------|---------------|--------|
| Description |                                                            | Ambient Air Quality Monitoring |               |               |        |
| S.No.       | Parameters                                                 | Instrument                     | Method        | Specification | Result |
|             | <b>Discipline : Chemical</b>                               |                                |               |               |        |
|             | <b>Group : Atmospheric Pollution</b>                       |                                |               |               |        |
| <b>1.</b>   | <b>Ambient Air Quality Parameters</b>                      |                                |               |               |        |
| a.          | Sulphur Dioxide(SO <sub>2</sub> ), µg/m <sup>3</sup>       | UV-Spectrophotometer           | IS:5182(P-2)  | 80 Max        | 14.89  |
| b.          | Nitrogen Dioxide(NO <sub>2</sub> ), µg/m <sup>3</sup>      | UV-Spectrophotometer           | IS:5182(P-6)  | 80 Max        | 20.32  |
| c.          | Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>  | Gravimetric                    | IS:5182(P-23) | 100 Max       | 138.21 |
| d.          | Particulate matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup> | Gravimetric                    | STP/ITC/EW-01 | 60 Max        | 58.36  |
| e.          | Ozone(O <sub>3</sub> ), µg/m <sup>3</sup>                  | UV-Spectrophotometer           | IS:5182(P-9)  | 180 Max       | 16.25  |

  
Saurabh Sharma  
06-12-2021  
Reviewer

  
06-12-2021  
Prem Kumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
Panchkula-134109 (Haryana)  
Phone : (O) 0172-2561543, 2565825  
Email : customersupport@itclabs.com  
Visit us : www.itclabs.com

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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2111291236<br><b>Sample Reg. Date</b> :29-11-2021<br><b>Report Date</b> :06-12-2021<br><b>Report No.</b> :ICE-2112060186<br><b>NABL ULR No.</b> :TC592621000014451F<br><b>Customer Ref. No.:</b> Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

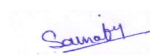
|    |                                                |                      |                                                   |         |               |
|----|------------------------------------------------|----------------------|---------------------------------------------------|---------|---------------|
| f. | Lead(As Pb),µg/m3                              | ICPOES               | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max | BLQ(LOQ:0.1)  |
| g. | Carbon Monoxide(CO),mg/m3                      | GC                   | IS:5182(P-10)                                     | 4 Max   | 1.4           |
| h. | Ammonia(NH3),µg/m3                             | UV-Spectrophotometer | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | 20.36         |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m3 | GC                   | IS 5182 (Part 11)                                 | 5 Max   | BLQ (LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m3  | GCMSMS               | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m3                           | ICPOES               | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m3                            | ICPOES               | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per NAAQS 2009, Sampling Procedure - SOP/ITC/EW/056

**REMARKS :**N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
06-12-2021  
Reviewer

  
06-12-2021  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
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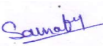
## Test Report

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2111291235<br><b>Sample Reg. Date</b> :29-11-2021<br><b>Report Date</b> :06-12-2021<br><b>Report No.</b> :ICE-2112060184<br><b>NABL ULR No.</b> :TC592621000014450F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                                                                                                                                                                                                                                                                |                                                                                                                     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| <b>Test Report as per :</b>                                                                                                                                                                                                                                                                    | : NAAQS 2009                                                                                                        |
| <b>General Information :</b><br>Location of Sampling Point<br>Date of Monitoring<br>Time of Monitoring<br>Purpose of Monitoring<br>Duration of Monitoring, minutes<br>Avg. Flow Rate of Sampling, m <sup>3</sup> /min<br>Volume of air sampled, m <sup>3</sup><br>Avg. Ambient Temperature, °C | : Near Guest House<br>: 18-11-2021<br>: 10:50 hrs<br>: For Self Monitoring<br>: 1440<br>: 1.32<br>: 1844.59<br>: 26 |

| Description                          |                                                            |                                                   |               |               |
|--------------------------------------|------------------------------------------------------------|---------------------------------------------------|---------------|---------------|
| Description                          |                                                            | Ambient Air Quality Monitoring                    |               |               |
| S.No.                                | Parameters                                                 | Method                                            | Specification | Result        |
| <b>Discipline : Chemical</b>         |                                                            |                                                   |               |               |
| <b>Group : Atmospheric Pollution</b> |                                                            |                                                   |               |               |
| <b>1.</b>                            | <b>Ambient Air Quality Parameters</b>                      |                                                   |               |               |
| a.                                   | Sulphur Dioxide(SO <sub>2</sub> ), µg/m <sup>3</sup>       | IS:5182(P-2)                                      | 80 Max        | 13.25         |
| b.                                   | Nitrogen Dioxide(NO <sub>2</sub> ), µg/m <sup>3</sup>      | IS:5182(P-6)                                      | 80 Max        | 20.09         |
| c.                                   | Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>  | IS:5182(P-23)                                     | 100 Max       | 121.35        |
| d.                                   | Particulate matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup> | STP/ITC/EW-01                                     | 60 Max        | 56.38         |
| e.                                   | Ozone(O <sub>3</sub> ), µg/m <sup>3</sup>                  | IS:5182(P-9)                                      | 180 Max       | BLQ(LOQ: 14)  |
| f.                                   | Lead(As Pb), µg/m <sup>3</sup>                             | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max       | BLQ(LOQ:0.1)  |
| g.                                   | Carbon Monoxide(CO), mg/m <sup>3</sup>                     | IS:5182(P-10)                                     | 4 Max         | BLQ (LOQ:1.0) |

  
Saurabh Sharma  
06-12-2021  
Reviewer

  
06-12-2021  
PremKumar  
[Authorized Signatory]

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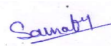
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | 10.36         |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ (LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

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**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per NAAQS 2009, Sampling Procedure - SOP/ITC/EW/056

**REMARKS :** N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
06-12-2021  
Reviewer

  
06-12-2021  
PremKumar  
[Authorized Signatory]

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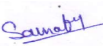
## Test Report

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|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2111291238<br><b>Sample Reg. Date</b> :29-11-2021<br><b>Report Date</b> :06-12-2021<br><b>Report No.</b> :ICE-2112060187<br><b>NABL ULR No.</b> :TC592621000014452F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                                                                                                                                                                                                                                                                |                                                                                                                      |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|
| <b>Test Report as per :</b>                                                                                                                                                                                                                                                                    | : NAAQS 2009                                                                                                         |
| <b>General Information :</b><br>Location of Sampling Point<br>Date of Monitoring<br>Time of Monitoring<br>Purpose of Monitoring<br>Duration of Monitoring, minutes<br>Avg. Flow Rate of Sampling, m <sup>3</sup> /min<br>Volume of air sampled, m <sup>3</sup><br>Avg. Ambient Temperature, °C | : Near Shakti Vihar<br>: 18-11-2021<br>: 11:10 hrs<br>: For Self Monitoring<br>: 1440<br>: 1.32<br>: 1857.01<br>: 24 |

| Description                          |                                                            |                                                   |               |               |
|--------------------------------------|------------------------------------------------------------|---------------------------------------------------|---------------|---------------|
| Description                          | Ambient Air Quality Monitoring                             |                                                   |               |               |
| S.No.                                | Parameters                                                 | Method                                            | Specification | Result        |
| <b>Discipline : Chemical</b>         |                                                            |                                                   |               |               |
| <b>Group : Atmospheric Pollution</b> |                                                            |                                                   |               |               |
| <b>1.</b>                            | <b>Ambient Air Quality Parameters</b>                      |                                                   |               |               |
| a.                                   | Sulphur Dioxide(SO <sub>2</sub> ), µg/m <sup>3</sup>       | IS:5182(P-2)                                      | 80 Max        | 12.20         |
| b.                                   | Nitrogen Dioxide(NO <sub>2</sub> ), µg/m <sup>3</sup>      | IS:5182(P-6)                                      | 80 Max        | 20.08         |
| c.                                   | Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>  | IS:5182(P-23)                                     | 100 Max       | 137.25        |
| d.                                   | Particulate matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup> | STP/ITC/EW-01                                     | 60 Max        | 61.39         |
| e.                                   | Ozone(O <sub>3</sub> ), µg/m <sup>3</sup>                  | IS:5182(P-9)                                      | 180 Max       | 15.36         |
| f.                                   | Lead(As Pb), µg/m <sup>3</sup>                             | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max       | BLQ(LOQ:0.1)  |
| g.                                   | Carbon Monoxide(CO), mg/m <sup>3</sup>                     | IS:5182(P-10)                                     | 4 Max         | BLQ (LOQ:1.0) |

  
Saurabh Sharma  
06-12-2021  
Reviewer

  
06-12-2021  
PremKumar  
[Authorized Signatory]

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## Test Report

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2111291238<br><b>Sample Reg. Date</b> :29-11-2021<br><b>Report Date</b> :06-12-2021<br><b>Report No.</b> :ICE-2112060187<br><b>NABL ULR No.</b> :TC592621000014452F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

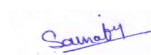
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | 10.24         |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ (LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per NAAQS 2009, Sampling Procedure - SOP/ITC/EW/056

**REMARKS :** N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
06-12-2021  
Reviewer

  
06-12-2021  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
Panchkula-134109 (Haryana)  
Phone : (O) 0172-2561543, 2565825  
Email : customersupport@itclabs.com  
Visit us : www.itclabs.com

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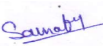
## Test Report

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2111291239<br><b>Sample Reg. Date</b> :29-11-2021<br><b>Report Date</b> :06-12-2021<br><b>Report No.</b> :ICE-2112060188<br><b>NABL ULR No.</b> :TC592621000014413F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                                                                                                                                                                                                                                                                |                                                                                                                     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| <b>Test Report as per :</b>                                                                                                                                                                                                                                                                    | : NAAQS 2009                                                                                                        |
| <b>General Information :</b><br>Location of Sampling Point<br>Date of Monitoring<br>Time of Monitoring<br>Purpose of Monitoring<br>Duration of Monitoring, minutes<br>Avg. Flow Rate of Sampling, m <sup>3</sup> /min<br>Volume of air sampled, m <sup>3</sup><br>Avg. Ambient Temperature, °C | : Near Guest House<br>: 22-11-2021<br>: 10:55 hrs<br>: For Self Monitoring<br>: 1440<br>: 1.33<br>: 1858.56<br>: 26 |

| Description                          |                                                            |                                                   |               |               |
|--------------------------------------|------------------------------------------------------------|---------------------------------------------------|---------------|---------------|
| Description                          |                                                            | Ambient Air Quality Monitoring                    |               |               |
| S.No.                                | Parameters                                                 | Method                                            | Specification | Result        |
| <b>Discipline : Chemical</b>         |                                                            |                                                   |               |               |
| <b>Group : Atmospheric Pollution</b> |                                                            |                                                   |               |               |
| <b>1.</b>                            | <b>Ambient Air Quality Parameters</b>                      |                                                   |               |               |
| a.                                   | Sulphur Dioxide(SO <sub>2</sub> ), µg/m <sup>3</sup>       | IS:5182(P-2)                                      | 80 Max        | 10.36         |
| b.                                   | Nitrogen Dioxide(NO <sub>2</sub> ), µg/m <sup>3</sup>      | IS:5182(P-6)                                      | 80 Max        | 15.58         |
| c.                                   | Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>  | IS:5182(P-23)                                     | 100 Max       | 96.58         |
| d.                                   | Particulate matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup> | STP/ITC/EW-01                                     | 60 Max        | 48.64         |
| e.                                   | Ozone(O <sub>3</sub> ), µg/m <sup>3</sup>                  | IS:5182(P-9)                                      | 180 Max       | BLQ(LOQ: 14)  |
| f.                                   | Lead(As Pb), µg/m <sup>3</sup>                             | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max       | BLQ(LOQ:0.1)  |
| g.                                   | Carbon Monoxide(CO), mg/m <sup>3</sup>                     | IS:5182(P-10)                                     | 4 Max         | BLQ (LOQ:1.0) |

  
Saurabh Sharma  
06-12-2021  
Reviewer

  
06-12-2021  
PremKumar  
[Authorized Signatory]

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2111291239<br><b>Sample Reg. Date</b> :29-11-2021<br><b>Report Date</b> :06-12-2021<br><b>Report No.</b> :ICE-2112060188<br><b>NABL ULR No.</b> :TC592621000014413F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

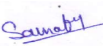
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | 6.69          |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ (LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per NAAQS 2009, Sampling Procedure - SOP/ITC/EW/056

**REMARKS :** N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
06-12-2021  
Reviewer

  
06-12-2021  
Prem Kumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
Panchkula-134109 (Haryana)  
Phone : (O) 0172-2561543, 2565825  
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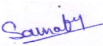
## Test Report

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|                                                     |                                               |
|-----------------------------------------------------|-----------------------------------------------|
| <b>Issued To</b>                                    | <b>Sample Reg. No.</b> :E01-2111291240        |
| Jhajjar Power Limited                               | <b>Sample Reg. Date</b> :29-11-2021           |
| Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar | <b>Report Date</b> :06-12-2021                |
| Jhajjar                                             | <b>Report No.</b> :ICE-2112060189             |
|                                                     | <b>NABL ULR No.</b> :TC592621000014428F       |
|                                                     | <b>Customer Ref. No.</b> :Order No.5030010814 |
|                                                     | <b>Letter Dated</b> :29.10.2020               |

|                                                 |                       |
|-------------------------------------------------|-----------------------|
| <b>Test Report as per :</b>                     | : NAAQS 2009          |
| <b>General Information :</b>                    |                       |
| Location of Sampling Point                      | : Near Gate No.3      |
| Date of Monitoring                              | : 22-11-2021          |
| Time of Monitoring                              | : 10:40 hrs           |
| Purpose of Monitoring                           | : For Self Monitoring |
| Duration of Monitoring, minutes                 | : 1440                |
| Avg. Flow Rate of Sampling, m <sup>3</sup> /min | : 1.33                |
| Volume of air sampled, m <sup>3</sup>           | : 1864.80             |
| Avg. Ambient Temperature, °C                    | : 25                  |

| Description |                                                            |                                                   |               |              |
|-------------|------------------------------------------------------------|---------------------------------------------------|---------------|--------------|
| Description |                                                            | Ambient Air Quality Monitoring                    |               |              |
| S.No.       | Parameters                                                 | Method                                            | Specification | Result       |
|             | <b>Discipline : Chemical</b>                               |                                                   |               |              |
|             | <b>Group : Atmospheric Pollution</b>                       |                                                   |               |              |
| <b>1.</b>   | <b>Ambient Air Quality Parameters</b>                      |                                                   |               |              |
| a.          | Sulphur Dioxide(SO <sub>2</sub> ), µg/m <sup>3</sup>       | IS:5182(P-2)                                      | 80 Max        | 12.24        |
| b.          | Nitrogen Dioxide(NO <sub>2</sub> ), µg/m <sup>3</sup>      | IS:5182(P-6)                                      | 80 Max        | 19.65        |
| c.          | Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>  | IS:5182(P-23)                                     | 100 Max       | 122.54       |
| d.          | Particulate matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup> | STP/ITC/EW-01                                     | 60 Max        | 56.38        |
| e.          | Ozone(O <sub>3</sub> ), µg/m <sup>3</sup>                  | IS:5182(P-9)                                      | 180 Max       | 15.70        |
| f.          | Lead(As Pb), µg/m <sup>3</sup>                             | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max       | BLQ(LOQ:0.1) |
| g.          | Carbon Monoxide(CO), mg/m <sup>3</sup>                     | IS:5182(P-10)                                     | 4 Max         | 1.3          |

  
Saurabh Sharma  
06-12-2021  
Reviewer

  
06-12-2021  
PremKumar  
[Authorized Signatory]

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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2111291240<br><b>Sample Reg. Date</b> :29-11-2021<br><b>Report Date</b> :06-12-2021<br><b>Report No.</b> :ICE-2112060189<br><b>NABL ULR No.</b> :TC592621000014428F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

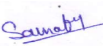
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | 16.64         |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ (LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per NAAQS 2009, Sampling Procedure - SOP/ITC/EW/056

**REMARKS :** N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
06-12-2021  
Reviewer

  
06-12-2021  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
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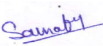
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|                                                     |                                               |
|-----------------------------------------------------|-----------------------------------------------|
| <b>Issued To</b>                                    | <b>Sample Reg. No.</b> :E01-2111291241        |
| Jhajjar Power Limited                               | <b>Sample Reg. Date</b> :29-11-2021           |
| Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar | <b>Report Date</b> :06-12-2021                |
| Jhajjar                                             | <b>Report No.</b> :ICE-2112060190             |
|                                                     | <b>NABL ULR No.</b> :TC592621000014453F       |
|                                                     | <b>Customer Ref. No.</b> :Order No.5030010814 |
|                                                     | <b>Letter Dated</b> :29.10.2020               |

|                                   |                       |
|-----------------------------------|-----------------------|
| <b>Test Report as per :</b>       | : NAAQS 2009          |
| <b>General Information :</b>      |                       |
| Location of Sampling Point        | : Village -Khanpur    |
| Date of Monitoring                | : 22-11-2021          |
| Time of Monitoring                | : 10:30 hrs           |
| Purpose of Monitoring             | : For Self Monitoring |
| Duration of Monitoring,minutes    | : 1440                |
| Avg. Flow Rate of Sampling,m3/min | : 1.32                |
| Volume of air sampled,m3          | : 1850.78             |
| Avg. Ambient Temperature,°C       | : 25                  |

| Description |                                                           |                                                   |               |              |
|-------------|-----------------------------------------------------------|---------------------------------------------------|---------------|--------------|
| Description |                                                           | Ambient Air Quality Monitoring                    |               |              |
| S.No.       | Parameters                                                | Method                                            | Specification | Result       |
|             | <b>Discipline : Chemical</b>                              |                                                   |               |              |
|             | <b>Group : Atmospheric Pollution</b>                      |                                                   |               |              |
| <b>1.</b>   | <b>Ambient Air Quality Parameters</b>                     |                                                   |               |              |
| a.          | Sulphur Dioxide(SO <sub>2</sub> ),µg/m <sup>3</sup>       | IS:5182(P-2)                                      | 80 Max        | 13.25        |
| b.          | Nitrogen Dioxide(NO <sub>2</sub> ),µg/m <sup>3</sup>      | IS:5182(P-6)                                      | 80 Max        | 20.98        |
| c.          | Particulate Matter (PM <sub>10</sub> ),µg/m <sup>3</sup>  | IS:5182(P-23)                                     | 100 Max       | 129.52       |
| d.          | Particulate matter (PM <sub>2.5</sub> ),µg/m <sup>3</sup> | STP/ITC/EW-01                                     | 60 Max        | 56.24        |
| e.          | Ozone(O <sub>3</sub> ),µg/m <sup>3</sup>                  | IS:5182(P-9)                                      | 180 Max       | 15.78        |
| f.          | Lead(As Pb),µg/m <sup>3</sup>                             | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max       | BLQ(LOQ:0.1) |
| g.          | Carbon Monoxide(CO),mg/m <sup>3</sup>                     | IS:5182(P-10)                                     | 4 Max         | 1.2          |

  
Saurabh Sharma  
06-12-2021  
Reviewer

  
06-12-2021  
PremKumar  
[Authorized Signatory]

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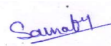
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | 18.74         |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ (LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per NAAQS 2009, Sampling Procedure - SOP/ITC/EW/056

**REMARKS :** N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
06-12-2021  
Reviewer

  
06-12-2021  
PremKumar  
[Authorized Signatory]

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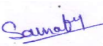
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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2111291242<br><b>Sample Reg. Date</b> :29-11-2021<br><b>Report Date</b> :06-12-2021<br><b>Report No.</b> :ICE-2112060191<br><b>NABL ULR No.</b> :TC592621000014457F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                                                                                                                                                                                                                                                                |                                                                                                                      |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|
| <b>Test Report as per :</b>                                                                                                                                                                                                                                                                    | : NAAQS 2009                                                                                                         |
| <b>General Information :</b><br>Location of Sampling Point<br>Date of Monitoring<br>Time of Monitoring<br>Purpose of Monitoring<br>Duration of Monitoring, minutes<br>Avg. Flow Rate of Sampling, m <sup>3</sup> /min<br>Volume of air sampled, m <sup>3</sup><br>Avg. Ambient Temperature, °C | : Near Shakti Vihar<br>: 22-11-2021<br>: 11:30 hrs<br>: For Self Monitoring<br>: 1440<br>: 1.33<br>: 1852.37<br>: 27 |

| Description                          |                                                            |                                                   |               |               |
|--------------------------------------|------------------------------------------------------------|---------------------------------------------------|---------------|---------------|
| Description                          | Ambient Air Quality Monitoring                             |                                                   |               |               |
| S.No.                                | Parameters                                                 | Method                                            | Specification | Result        |
| <b>Discipline : Chemical</b>         |                                                            |                                                   |               |               |
| <b>Group : Atmospheric Pollution</b> |                                                            |                                                   |               |               |
| <b>1.</b>                            | <b>Ambient Air Quality Parameters</b>                      |                                                   |               |               |
| a.                                   | Sulphur Dioxide(SO <sub>2</sub> ), µg/m <sup>3</sup>       | IS:5182(P-2)                                      | 80 Max        | 8.25          |
| b.                                   | Nitrogen Dioxide(NO <sub>2</sub> ), µg/m <sup>3</sup>      | IS:5182(P-6)                                      | 80 Max        | 11.87         |
| c.                                   | Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>  | IS:5182(P-23)                                     | 100 Max       | 120.36        |
| d.                                   | Particulate matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup> | STP/ITC/EW-01                                     | 60 Max        | 53.69         |
| e.                                   | Ozone(O <sub>3</sub> ), µg/m <sup>3</sup>                  | IS:5182(P-9)                                      | 180 Max       | BLQ(LOQ: 14)  |
| f.                                   | Lead(As Pb), µg/m <sup>3</sup>                             | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max       | BLQ(LOQ:0.1)  |
| g.                                   | Carbon Monoxide(CO), mg/m <sup>3</sup>                     | IS:5182(P-10)                                     | 4 Max         | BLQ (LOQ:1.0) |

  
Saurabh Sharma  
06-12-2021  
Reviewer

  
06-12-2021  
PremKumar  
[Authorized Signatory]

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## Test Report

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Page 2 of 2

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2111291242<br><b>Sample Reg. Date</b> :29-11-2021<br><b>Report Date</b> :06-12-2021<br><b>Report No.</b> :ICE-2112060191<br><b>NABL ULR No.</b> :TC592621000014457F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

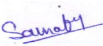
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | 8.54          |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ (LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per NAAQS 2009, Sampling Procedure - SOP/ITC/EW/056

**REMARKS :** N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
06-12-2021  
Reviewer

  
06-12-2021  
Prem Kumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
Panchkula-134109 (Haryana)  
Phone : (O) 0172-2561543, 2565825  
Email : customersupport@itclabs.com  
Visit us : www.itclabs.com

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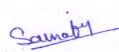
## Test Report

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Page 1 of 2

|                                                     |                                               |
|-----------------------------------------------------|-----------------------------------------------|
| <b>Issued To</b>                                    | <b>Sample Reg. No.</b> :E01-2111291244        |
| Jhajjar Power Limited                               | <b>Sample Reg. Date</b> :29-11-2021           |
| Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar | <b>Report Date</b> :06-12-2021                |
| Jhajjar                                             | <b>Report No.</b> :ICE-2112060193             |
|                                                     | <b>NABL ULR No.</b> :TC592621000014416F       |
|                                                     | <b>Customer Ref. No.</b> :Order No.5030010814 |
|                                                     | <b>Letter Dated</b> :29.10.2020               |

|                                                 |                       |
|-------------------------------------------------|-----------------------|
| <b>Test Report as per :</b>                     | : NAAQS 2009          |
| <b>General Information :</b>                    |                       |
| Location of Sampling Point                      | : Near Gate No.3      |
| Date of Monitoring                              | : 25-11-2021          |
| Time of Monitoring                              | : 11:10 hrs           |
| Purpose of Monitoring                           | : For Self Monitoring |
| Duration of Monitoring, minutes                 | : 1440                |
| Avg. Flow Rate of Sampling, m <sup>3</sup> /min | : 1.32                |
| Volume of air sampled, m <sup>3</sup>           | : 1857.01             |
| Avg. Ambient Temperature, °C                    | : 24                  |

| Description |                                                            |                                                   |               |              |
|-------------|------------------------------------------------------------|---------------------------------------------------|---------------|--------------|
| Description |                                                            | Ambient Air Quality Monitoring                    |               |              |
| S.No.       | Parameters                                                 | Method                                            | Specification | Result       |
|             | <b>Discipline : Chemical</b>                               |                                                   |               |              |
|             | <b>Group : Atmospheric Pollution</b>                       |                                                   |               |              |
| <b>1.</b>   | <b>Ambient Air Quality Parameters</b>                      |                                                   |               |              |
| a.          | Sulphur Dioxide(SO <sub>2</sub> ), µg/m <sup>3</sup>       | IS:5182(P-2)                                      | 80 Max        | 13.44        |
| b.          | Nitrogen Dioxide(NO <sub>2</sub> ), µg/m <sup>3</sup>      | IS:5182(P-6)                                      | 80 Max        | 20.24        |
| c.          | Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>  | IS:5182(P-23)                                     | 100 Max       | 110.35       |
| d.          | Particulate matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup> | STP/ITC/EW-01                                     | 60 Max        | 55.69        |
| e.          | Ozone(O <sub>3</sub> ), µg/m <sup>3</sup>                  | IS:5182(P-9)                                      | 180 Max       | BLQ(LOQ: 14) |
| f.          | Lead(As Pb), µg/m <sup>3</sup>                             | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max       | BLQ(LOQ:0.1) |
| g.          | Carbon Monoxide(CO), mg/m <sup>3</sup>                     | IS:5182(P-10)                                     | 4 Max         | 1.6          |

  
Saurabh Sharma  
06-12-2021  
Reviewer

  
06-12-2021  
Prem Kumar  
[Authorized Signatory]

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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2111291244<br><b>Sample Reg. Date</b> :29-11-2021<br><b>Report Date</b> :06-12-2021<br><b>Report No.</b> :ICE-2112060193<br><b>NABL ULR No.</b> :TC592621000014416F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

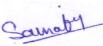
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | 17.25         |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ (LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per NAAQS 2009, Sampling Procedure - SOP/ITC/EW/056

**REMARKS :** N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
06-12-2021  
Reviewer

  
06-12-2021  
PremKumar  
[Authorized Signatory]

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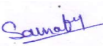
## Test Report

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2111291243<br><b>Sample Reg. Date</b> :29-11-2021<br><b>Report Date</b> :06-12-2021<br><b>Report No.</b> :ICE-2112060192<br><b>NABL ULR No.</b> :TC592621000014456F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                                                                                                                                                                                                                                                                |                                                                                                                     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| <b>Test Report as per :</b>                                                                                                                                                                                                                                                                    | : NAAQS 2009                                                                                                        |
| <b>General Information :</b><br>Location of Sampling Point<br>Date of Monitoring<br>Time of Monitoring<br>Purpose of Monitoring<br>Duration of Monitoring, minutes<br>Avg. Flow Rate of Sampling, m <sup>3</sup> /min<br>Volume of air sampled, m <sup>3</sup><br>Avg. Ambient Temperature, °C | : Near Guest House<br>: 25-11-2021<br>: 11:25 hrs<br>: For Self Monitoring<br>: 1440<br>: 1.32<br>: 1857.01<br>: 24 |

| Description                          |                                                            |                                                   |               |               |
|--------------------------------------|------------------------------------------------------------|---------------------------------------------------|---------------|---------------|
| Description                          | Ambient Air Quality Monitoring                             |                                                   |               |               |
| S.No.                                | Parameters                                                 | Method                                            | Specification | Result        |
| <b>Discipline : Chemical</b>         |                                                            |                                                   |               |               |
| <b>Group : Atmospheric Pollution</b> |                                                            |                                                   |               |               |
| <b>1.</b>                            | <b>Ambient Air Quality Parameters</b>                      |                                                   |               |               |
| a.                                   | Sulphur Dioxide(SO <sub>2</sub> ), µg/m <sup>3</sup>       | IS:5182(P-2)                                      | 80 Max        | 7.25          |
| b.                                   | Nitrogen Dioxide(NO <sub>2</sub> ), µg/m <sup>3</sup>      | IS:5182(P-6)                                      | 80 Max        | 11.36         |
| c.                                   | Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>  | IS:5182(P-23)                                     | 100 Max       | 91.35         |
| d.                                   | Particulate matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup> | STP/ITC/EW-01                                     | 60 Max        | 45.45         |
| e.                                   | Ozone(O <sub>3</sub> ), µg/m <sup>3</sup>                  | IS:5182(P-9)                                      | 180 Max       | BLQ(LOQ: 14)  |
| f.                                   | Lead(As Pb), µg/m <sup>3</sup>                             | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max       | BLQ(LOQ:0.1)  |
| g.                                   | Carbon Monoxide(CO), mg/m <sup>3</sup>                     | IS:5182(P-10)                                     | 4 Max         | BLQ (LOQ:1.0) |

  
Saurabh Sharma  
06-12-2021  
Reviewer

  
06-12-2021  
Prem Kumar  
[Authorized Signatory]

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|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
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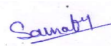
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | 8.25          |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ (LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per NAAQS 2009, Sampling Procedure - SOP/ITC/EW/056

**REMARKS :** N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
06-12-2021  
Reviewer

  
06-12-2021  
PremKumar  
[Authorized Signatory]

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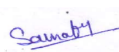
## Test Report

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|                                                     |                                               |
|-----------------------------------------------------|-----------------------------------------------|
| <b>Issued To</b>                                    | <b>Sample Reg. No.</b> :E01-2111291245        |
| Jhajjar Power Limited                               | <b>Sample Reg. Date</b> :29-11-2021           |
| Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar | <b>Report Date</b> :06-12-2021                |
| Jhajjar                                             | <b>Report No.</b> :ICE-2112060194             |
|                                                     | <b>NABL ULR No.</b> :TC592621000014455F       |
|                                                     | <b>Customer Ref. No.</b> :Order No.5030010814 |
|                                                     | <b>Letter Dated</b> :29.10.2020               |

|                                                 |                       |
|-------------------------------------------------|-----------------------|
| <b>Test Report as per :</b>                     | : NAAQS 2009          |
| <b>General Information :</b>                    |                       |
| Location of Sampling Point                      | : Village- Khanpur    |
| Date of Monitoring                              | : 25-11-2021          |
| Time of Monitoring                              | : 11:00 hrs           |
| Purpose of Monitoring                           | : For Self Monitoring |
| Duration of Monitoring, minutes                 | : 1440                |
| Avg. Flow Rate of Sampling, m <sup>3</sup> /min | : 1.33                |
| Volume of air sampled, m <sup>3</sup>           | : 1852.37             |
| Avg. Ambient Temperature, °C                    | : 27                  |

| Description |                                                            |                                                   |               |              |
|-------------|------------------------------------------------------------|---------------------------------------------------|---------------|--------------|
| Description |                                                            | Ambient Air Quality Monitoring                    |               |              |
| S.No.       | Parameters                                                 | Method                                            | Specification | Result       |
|             | <b>Discipline : Chemical</b>                               |                                                   |               |              |
|             | <b>Group : Atmospheric Pollution</b>                       |                                                   |               |              |
| <b>1.</b>   | <b>Ambient Air Quality Parameters</b>                      |                                                   |               |              |
| a.          | Sulphur Dioxide(SO <sub>2</sub> ), µg/m <sup>3</sup>       | IS:5182(P-2)                                      | 80 Max        | 9.58         |
| b.          | Nitrogen Dioxide(NO <sub>2</sub> ), µg/m <sup>3</sup>      | IS:5182(P-6)                                      | 80 Max        | 18.65        |
| c.          | Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>  | IS:5182(P-23)                                     | 100 Max       | 112.45       |
| d.          | Particulate matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup> | STP/ITC/EW-01                                     | 60 Max        | 52.87        |
| e.          | Ozone(O <sub>3</sub> ), µg/m <sup>3</sup>                  | IS:5182(P-9)                                      | 180 Max       | BLQ(LOQ: )14 |
| f.          | Lead(As Pb), µg/m <sup>3</sup>                             | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max       | BLQ(LOQ:0.1) |
| g.          | Carbon Monoxide(CO), mg/m <sup>3</sup>                     | IS:5182(P-10)                                     | 4 Max         | 1.5          |

  
Saurabh Sharma  
06-12-2021  
Reviewer

  
06-12-2021  
PremKumar  
[Authorized Signatory]

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2111291245<br><b>Sample Reg. Date</b> :29-11-2021<br><b>Report Date</b> :06-12-2021<br><b>Report No.</b> :ICE-2112060194<br><b>NABL ULR No.</b> :TC592621000014455F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

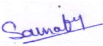
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | 10.24         |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ (LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per NAAQS 2009, Sampling Procedure - SOP/ITC/EW/056

**REMARKS :** N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
06-12-2021  
Reviewer

  
06-12-2021  
Prem Kumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
Panchkula-134109 (Haryana)  
Phone : (O) 0172-2561543, 2565825  
Email : customersupport@itclabs.com  
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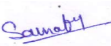
## Test Report

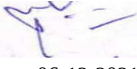
Document QF : 2501

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2111291246<br><b>Sample Reg. Date</b> :29-11-2021<br><b>Report Date</b> :06-12-2021<br><b>Report No.</b> :ICE-2112060195<br><b>NABL ULR No.</b> :TC592621000014430F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                                                                                                                                                                                                                                                                |                                                                                                                      |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|
| <b>Test Report as per :</b>                                                                                                                                                                                                                                                                    | : NAAQS 2009                                                                                                         |
| <b>General Information :</b><br>Location of Sampling Point<br>Date of Monitoring<br>Time of Monitoring<br>Purpose of Monitoring<br>Duration of Monitoring, minutes<br>Avg. Flow Rate of Sampling, m <sup>3</sup> /min<br>Volume of air sampled, m <sup>3</sup><br>Avg. Ambient Temperature, °C | : Near Shakti Vihar<br>: 25-11-2021<br>: 11:50 hrs<br>: For Self Monitoring<br>: 1440<br>: 1.32<br>: 1850.78<br>: 25 |

| Description                          |                                                            |               |               |              |
|--------------------------------------|------------------------------------------------------------|---------------|---------------|--------------|
| Description                          | Ambient Air Quality Monitoring                             |               |               |              |
| S.No.                                | Parameters                                                 | Method        | Specification | Result       |
| <b>Discipline : Chemical</b>         |                                                            |               |               |              |
| <b>Group : Atmospheric Pollution</b> |                                                            |               |               |              |
| 1.                                   | <b>Ambient Air Quality Parameters</b>                      |               |               |              |
| a.                                   | Sulphur Dioxide(SO <sub>2</sub> ), µg/m <sup>3</sup>       | IS:5182(P-2)  | 80 Max        | 7.27         |
| b.                                   | Nitrogen Dioxide(NO <sub>2</sub> ), µg/m <sup>3</sup>      | IS:5182(P-6)  | 80 Max        | 10.35        |
| c.                                   | Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>  | IS:5182(P-23) | 100 Max       | 98.08        |
| d.                                   | Particulate matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup> | STP/ITC/EW-01 | 60 Max        | 50.32        |
| e.                                   | Ozone(O <sub>3</sub> ), µg/m <sup>3</sup>                  | IS:5182(P-9)  | 180 Max       | BLQ(LOQ: 14) |

  
Saurabh Sharma  
06-12-2021  
Reviewer

  
06-12-2021  
Prem Kumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
Panchkula-134109 (Haryana)  
Phone : (O) 0172-2561543, 2565825  
Email : customersupport@itclabs.com  
Visit us : www.itclabs.com

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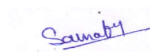
|    |                                                |                                                   |         |               |
|----|------------------------------------------------|---------------------------------------------------|---------|---------------|
| f. | Lead(As Pb),µg/m3                              | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max | BLQ(LOQ:0.1)  |
| g. | Carbon Monoxide(CO),mg/m3                      | IS:5182(P-10)                                     | 4 Max   | BLQ (LOQ:1.0) |
| h. | Ammonia(NH3),µg/m3                             | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | 7.25          |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m3 | IS 5182 (Part 11)                                 | 5 Max   | BLQ (LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m3  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m3                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m3                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE** : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per NAAQS 2009, Sampling Procedure - SOP/ITC/EW/056

**REMARKS** :N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
06-12-2021  
Reviewer

  
06-12-2021  
Prem Kumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
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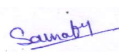
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Page 1 of 2

|                                                     |                                               |
|-----------------------------------------------------|-----------------------------------------------|
| <b>Issued To</b>                                    | <b>Sample Reg. No.</b> :E01-2112010075        |
| Jhajjar Power Limited                               | <b>Sample Reg. Date</b> :01-12-2021           |
| Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar | <b>Report Date</b> :09-12-2021                |
| Jhajjar                                             | <b>Report No.</b> :ICE-2112090343             |
|                                                     | <b>NABL ULR No.</b> :TC592621000014564F       |
|                                                     | <b>Customer Ref. No.</b> :Order No.5030010814 |
|                                                     | <b>Letter Dated</b> :29.10.2020               |

|                                                 |                       |
|-------------------------------------------------|-----------------------|
| <b>Test Report as per :</b>                     | : NAAQS 2009          |
| <b>General Information :</b>                    |                       |
| Location of Sampling Point                      | : Near Gate No.3      |
| Date of Monitoring                              | : 29-11-2021          |
| Time of Monitoring                              | : 10:40 hrs           |
| Purpose of Monitoring                           | : For Self Monitoring |
| Duration of Monitoring, minutes                 | : 1440                |
| Avg. Flow Rate of Sampling, m <sup>3</sup> /min | : 1.33                |
| Volume of air sampled, m <sup>3</sup>           | : 1877.40             |
| Avg. Ambient Temperature, °C                    | : 23                  |

| Description |                                                            |                                                   |               |              |
|-------------|------------------------------------------------------------|---------------------------------------------------|---------------|--------------|
| Description |                                                            | Ambient Air Quality Monitoring                    |               |              |
| S.No.       | Parameters                                                 | Method                                            | Specification | Result       |
|             | <b>Discipline : Chemical</b>                               |                                                   |               |              |
|             | <b>Group : Atmospheric Pollution</b>                       |                                                   |               |              |
| <b>1.</b>   | <b>Ambient Air Quality Parameters</b>                      |                                                   |               |              |
| a.          | Sulphur Dioxide(SO <sub>2</sub> ), µg/m <sup>3</sup>       | IS:5182(P-2)                                      | 80 Max        | 11.85        |
| b.          | Nitrogen Dioxide(NO <sub>2</sub> ), µg/m <sup>3</sup>      | IS:5182(P-6)                                      | 80 Max        | 19.25        |
| c.          | Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>  | IS:5182(P-23)                                     | 100 Max       | 103.36       |
| d.          | Particulate matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup> | STP/ITC/EW-01                                     | 60 Max        | 51.74        |
| e.          | Ozone(O <sub>3</sub> ), µg/m <sup>3</sup>                  | IS:5182(P-9)                                      | 180 Max       | BLQ(LOQ:14)  |
| f.          | Lead(As Pb), µg/m <sup>3</sup>                             | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max       | BLQ(LOQ:0.1) |
| g.          | Carbon Monoxide(CO), mg/m <sup>3</sup>                     | IS:5182(P-10)                                     | 4 Max         | 1.5          |

  
Saurabh Sharma  
09-12-2021  
Reviewer

  
09-12-2021  
Prem Kumar  
[Authorized Signatory]

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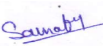
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | 12.35         |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ (LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per NAAQS 2009, Sampling Procedure - SOP/ITC/EW/056

**REMARKS :** N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
09-12-2021  
Reviewer

  
09-12-2021  
PremKumar  
[Authorized Signatory]

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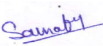
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|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2112010074<br><b>Sample Reg. Date</b> :01-12-2021<br><b>Report Date</b> :09-12-2021<br><b>Report No.</b> :ICE-2112090342<br><b>NABL ULR No.</b> :TC592621000014569F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                                                                                                                                                                                                                                                                |                                                                                                                     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| <b>Test Report as per :</b>                                                                                                                                                                                                                                                                    | : NAAQS 2009                                                                                                        |
| <b>General Information :</b><br>Location of Sampling Point<br>Date of Monitoring<br>Time of Monitoring<br>Purpose of Monitoring<br>Duration of Monitoring, minutes<br>Avg. Flow Rate of Sampling, m <sup>3</sup> /min<br>Volume of air sampled, m <sup>3</sup><br>Avg. Ambient Temperature, °C | : Near Guest House<br>: 29-11-2021<br>: 10:55 hrs<br>: For Self Monitoring<br>: 1440<br>: 1.32<br>: 1857.01<br>: 24 |

| Description                          |                                                            |                                                   |               |               |
|--------------------------------------|------------------------------------------------------------|---------------------------------------------------|---------------|---------------|
| Description                          |                                                            | Ambient Air Quality Monitoring                    |               |               |
| S.No.                                | Parameters                                                 | Method                                            | Specification | Result        |
| <b>Discipline : Chemical</b>         |                                                            |                                                   |               |               |
| <b>Group : Atmospheric Pollution</b> |                                                            |                                                   |               |               |
| 1.                                   | <b>Ambient Air Quality Parameters</b>                      |                                                   |               |               |
| a.                                   | Sulphur Dioxide(SO <sub>2</sub> ), µg/m <sup>3</sup>       | IS:5182(P-2)                                      | 80 Max        | 5.58          |
| b.                                   | Nitrogen Dioxide(NO <sub>2</sub> ), µg/m <sup>3</sup>      | IS:5182(P-6)                                      | 80 Max        | 10.35         |
| c.                                   | Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>  | IS:5182(P-23)                                     | 100 Max       | 84.36         |
| d.                                   | Particulate matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup> | STP/ITC/EW-01                                     | 60 Max        | 43.25         |
| e.                                   | Ozone(O <sub>3</sub> ), µg/m <sup>3</sup>                  | IS:5182(P-9)                                      | 180 Max       | BLQ(LOQ:14)   |
| f.                                   | Lead(As Pb), µg/m <sup>3</sup>                             | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max       | BLQ(LOQ:0.1)  |
| g.                                   | Carbon Monoxide(CO), mg/m <sup>3</sup>                     | IS:5182(P-10)                                     | 4 Max         | BLQ (LOQ:1.0) |

  
Saurabh Sharma  
09-12-2021  
Reviewer

  
09-12-2021  
PremKumar  
[Authorized Signatory]

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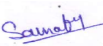
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | BLQ(LOQ:5.0)  |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ (LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

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**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per NAAQS 2009, Sampling Procedure - SOP/ITC/EW/056

**REMARKS :** N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
09-12-2021  
Reviewer

  
09-12-2021  
PremKumar  
[Authorized Signatory]

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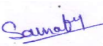
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|                                                                                                                                                                                                                                                                                                |                                                                                                                     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| <b>Test Report as per :</b>                                                                                                                                                                                                                                                                    | : NAAQS 2009                                                                                                        |
| <b>General Information :</b><br>Location of Sampling Point<br>Date of Monitoring<br>Time of Monitoring<br>Purpose of Monitoring<br>Duration of Monitoring, minutes<br>Avg. Flow Rate of Sampling, m <sup>3</sup> /min<br>Volume of air sampled, m <sup>3</sup><br>Avg. Ambient Temperature, °C | : Village- Khanpur<br>: 29-11-2021<br>: 10:30 hrs<br>: For Self Monitoring<br>: 1440<br>: 1.31<br>: 1842.94<br>: 24 |

| Description                          |                                                            |                                                   |               |              |
|--------------------------------------|------------------------------------------------------------|---------------------------------------------------|---------------|--------------|
| Description                          |                                                            | Ambient Air Quality Monitoring                    |               |              |
| S.No.                                | Parameters                                                 | Method                                            | Specification | Result       |
| <b>Discipline : Chemical</b>         |                                                            |                                                   |               |              |
| <b>Group : Atmospheric Pollution</b> |                                                            |                                                   |               |              |
| <b>1.</b>                            | <b>Ambient Air Quality Parameters</b>                      |                                                   |               |              |
| a.                                   | Sulphur Dioxide(SO <sub>2</sub> ), µg/m <sup>3</sup>       | IS:5182(P-2)                                      | 80 Max        | 15.43        |
| b.                                   | Nitrogen Dioxide(NO <sub>2</sub> ), µg/m <sup>3</sup>      | IS:5182(P-6)                                      | 80 Max        | 21.02        |
| c.                                   | Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>  | IS:5182(P-23)                                     | 100 Max       | 91.79        |
| d.                                   | Particulate matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup> | STP/ITC/EW-01                                     | 60 Max        | 50.51        |
| e.                                   | Ozone(O <sub>3</sub> ), µg/m <sup>3</sup>                  | IS:5182(P-9)                                      | 180 Max       | BLQ(LOQ: 14) |
| f.                                   | Lead(As Pb), µg/m <sup>3</sup>                             | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max       | BLQ(LOQ:0.1) |
| g.                                   | Carbon Monoxide(CO), mg/m <sup>3</sup>                     | IS:5182(P-10)                                     | 4 Max         | 1.1          |

  
Saurabh Sharma  
09-12-2021  
Reviewer

  
09-12-2021  
PremKumar  
[Authorized Signatory]

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2112010076<br><b>Sample Reg. Date</b> :01-12-2021<br><b>Report Date</b> :09-12-2021<br><b>Report No.</b> :ICE-2112090344<br><b>NABL ULR No.</b> :TC592621000014571F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
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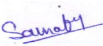
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | 11.01         |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ (LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per NAAQS 2009, Sampling Procedure - SOP/ITC/EW/056

**REMARKS :** N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
09-12-2021  
Reviewer

  
09-12-2021  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
Panchkula-134109 (Haryana)  
Phone : (O) 0172-2561543, 2565825  
Email : customersupport@itclabs.com  
Visit us : www.itclabs.com

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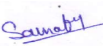
## Test Report

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|                                                     |                                               |
|-----------------------------------------------------|-----------------------------------------------|
| <b>Issued To</b>                                    | <b>Sample Reg. No.</b> :E01-2112010077        |
| Jhajjar Power Limited                               | <b>Sample Reg. Date</b> :01-12-2021           |
| Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar | <b>Report Date</b> :09-12-2021                |
| Jhajjar                                             | <b>Report No.</b> :ICE-2112090348             |
|                                                     | <b>NABL ULR No.</b> :TC592621000014563F       |
|                                                     | <b>Customer Ref. No.</b> :Order No.5030010814 |
|                                                     | <b>Letter Dated</b> :29.10.2020               |

|                                                 |                       |
|-------------------------------------------------|-----------------------|
| <b>Test Report as per :</b>                     | : NAAQS 2009          |
| <b>General Information :</b>                    |                       |
| Location of Sampling Point                      | : Near Shakti Vihar   |
| Date of Monitoring                              | : 29-11-2021          |
| Time of Monitoring                              | : 11:20 hrs           |
| Purpose of Monitoring                           | : For Self Monitoring |
| Duration of Monitoring, minutes                 | : 1440                |
| Avg. Flow Rate of Sampling, m <sup>3</sup> /min | : 1.32                |
| Volume of air sampled, m <sup>3</sup>           | : 1850.78             |
| Avg. Ambient Temperature, °C                    | : 25                  |

| Description |                                                            |                                                   |               |               |
|-------------|------------------------------------------------------------|---------------------------------------------------|---------------|---------------|
| Description |                                                            | Ambient Air Quality Monitoring                    |               |               |
| S.No.       | Parameters                                                 | Method                                            | Specification | Result        |
|             | <b>Discipline : Chemical</b>                               |                                                   |               |               |
|             | <b>Group : Atmospheric Pollution</b>                       |                                                   |               |               |
| <b>1.</b>   | <b>Ambient Air Quality Parameters</b>                      |                                                   |               |               |
| a.          | Sulphur Dioxide(SO <sub>2</sub> ), µg/m <sup>3</sup>       | IS:5182(P-2)                                      | 80 Max        | 6.47          |
| b.          | Nitrogen Dioxide(NO <sub>2</sub> ), µg/m <sup>3</sup>      | IS:5182(P-6)                                      | 80 Max        | 11.28         |
| c.          | Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>  | IS:5182(P-23)                                     | 100 Max       | 93.65         |
| d.          | Particulate matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup> | STP/ITC/EW-01                                     | 60 Max        | 48.24         |
| e.          | Ozone(O <sub>3</sub> ), µg/m <sup>3</sup>                  | IS:5182(P-9)                                      | 180 Max       | BLQ(LOQ: 14)  |
| f.          | Lead(As Pb), µg/m <sup>3</sup>                             | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max       | BLQ(LOQ:0.1)  |
| g.          | Carbon Monoxide(CO), mg/m <sup>3</sup>                     | IS:5182(P-10)                                     | 4 Max         | BLQ (LOQ:1.0) |

  
Saurabh Sharma  
09-12-2021  
Reviewer

  
09-12-2021  
PremKumar  
[Authorized Signatory]

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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2112010077<br><b>Sample Reg. Date</b> :01-12-2021<br><b>Report Date</b> :09-12-2021<br><b>Report No.</b> :ICE-2112090348<br><b>NABL ULR No.</b> :TC592621000014563F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

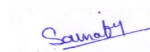
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | 8.35          |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ (LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per NAAQS 2009, Sampling Procedure - SOP/ITC/EW/056

**REMARKS :**N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
09-12-2021  
Reviewer

  
09-12-2021  
PremKumar  
[Authorized Signatory]

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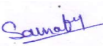
## Test Report

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2111030147<br><b>Sample Reg. Date</b> :03-11-2021<br><b>Report Date</b> :09-11-2021<br><b>Report No.</b> :ICE-2111090198<br><b>NABL ULR No.</b> :TC592621000013027F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Test Report as per :</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | : EPA Act 1986/PCLS/2010                                                                                                                                                                                                                                                                                                       |
| <b>General Information :</b><br>Date of Monitoring<br>Time of Monitoring<br>Name of the emission source monitored<br>(a) Rated Capacity<br>(b) Capacity on sampling day<br>(c) Type of fuel used & its consumption<br>(d) Normal operating schedule<br>2. Stack Identification<br>3.Type of Stack/Duct<br>4.Stack Height from Ground Level(m)<br>Diameter of the Stack(cm)<br>(6) Sampling Duration(minutes)<br>Purpose of Monitoring<br>(8) Air Pollution control measure<br>(a) Status<br>(b) Recovery of Material<br>(9) Fugitive Emission,if any | : 03-11-2021<br>: 10:00 hrs to 10:28 hrs<br>: Stack Emission of Boiler<br>: 660 MW<br>: 520 MW<br>: Coal & 350 Ton/hr<br>: 24 hrs<br>: Stack attached to Boiler, Unit-I (at 65 meter's height)<br>: Metal<br>: 275<br>: 700<br>: 28<br>: For Self Monitoring<br>: ESP + FF + FGD + Low NOx Burner<br>: Working<br>: -<br>: Nil |
| <b>Observations :</b><br>Flue Gas Temperature, °C,Avg.<br>Flue Gas Velocity(m/s),Avg.<br>Volumetric Flow Rate(Nm <sup>3</sup> /hr.)<br>Ambient Air Temperature, °C                                                                                                                                                                                                                                                                                                                                                                                   | : 45<br>: 20.26<br>: 2546015.51<br>: 23                                                                                                                                                                                                                                                                                        |

| S.No. | Parameters                   | Method | Specification | Result |
|-------|------------------------------|--------|---------------|--------|
|       | <b>Discipline : Chemical</b> |        |               |        |

  
Saurabh Sharma  
09-11-2021  
Reviewer

  
09-11-2021  
PremKumar  
[Authorized Signatory]

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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2111030147<br><b>Sample Reg. Date</b> :03-11-2021<br><b>Report Date</b> :09-11-2021<br><b>Report No.</b> :ICE-2111090198<br><b>NABL ULR No.</b> :TC592621000013027F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
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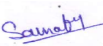
| Group : Atmospheric Pollution |                                                                                                         |                 |               |               |
|-------------------------------|---------------------------------------------------------------------------------------------------------|-----------------|---------------|---------------|
| 1. General Parameters         |                                                                                                         |                 |               |               |
| a.                            | Particulate Matter, mg/Nm <sup>3</sup> (Corrected to 6% O <sub>2</sub> on dry basis)                    | IS:11255(P-1)   | Max. 50       | 23.79         |
| b.                            | Sulphur Dioxide (SO <sub>2</sub> ), mg/Nm <sup>3</sup> (Corrected to 6% O <sub>2</sub> on dry basis)    | IS:11255(P-2)   | Max. 200      | 128.45        |
| c.                            | Oxides of Nitrogen (NO <sub>x</sub> ), mg/Nm <sup>3</sup> (Corrected to 6% O <sub>2</sub> on dry basis) | IS:11255(P-7)   | Max. 450      | 174.07        |
| d.                            | Mercury(As Hg),mg/Nm <sup>3</sup>                                                                       | USEPA Method    | Max. 0.03     | BLQ(LOQ:0.01) |
| e.                            | Carbon Monoxide(CO),% v/v                                                                               | IS:13270        | Max. 1.0      | 0.2           |
| f.                            | Moisture, % by mass                                                                                     | IS: 11255 (P-3) | Not Specified | 5.0           |

'#' represents Customer Defined Fields

**NOTE :** Not Applicable, BLQ- Below limit of quantification, LOQ- Limit of Quantification, During monitoring O<sub>2</sub> was found 6.2 % v/v. Requirement as per EPA 1986, PCLS/02/2010, S.O. 3305(E), Dated : 28.06.2018, Sample collected by lab rep. on 03.11.2021, Sampling Procedure - SOP/ITC/EW/056

**REMARKS :** N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
09-11-2021  
Reviewer

  
09-11-2021  
Prem Kumar  
[Authorized Signatory]

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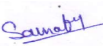
## Test Report

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|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2111130518<br><b>Sample Reg. Date</b> :13-11-2021<br><b>Report Date</b> :16-11-2021<br><b>Report No.</b> :ICE-2111160598<br><b>NABL ULR No.</b> :TC592621000013514F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
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|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                 |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Test Report as per :</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | : EPA Act 1986/PCLS/2010                                                                                                                                                                                                                                                                                                        |
| <b>General Information :</b><br>Date of Monitoring<br>Time of Monitoring<br>Name of the emission source monitored<br>(a) Rated Capacity<br>(b) Capacity on sampling day<br>(c) Type of fuel used & its consumption<br>(d) Normal operating schedule<br>2. Stack Identification<br>3.Type of Stack/Duct<br>4.Stack Height from Ground Level(m)<br>Diameter of the Stack(cm)<br>(6) Sampling Duration(minutes)<br>Purpose of Monitoring<br>(8) Air Pollution control measure<br>(a) Status<br>(b) Recovery of Material<br>(9) Fugitive Emission,if any | : 11-11-2021<br>: 10:40 hrs to 10:58 hrs<br>: Stack Emission of Boiler<br>: 660 MW<br>: 615 MW<br>: Coal & 366 Ton/hr<br>: 24 hrs<br>: Stack attached to Boiler, Unit-II (at 65 meter's height)<br>: Metal<br>: 275<br>: 700<br>: 18<br>: For Self Monitoring<br>: ESP + FGD + FF + Low NOx Burner<br>: Working<br>: -<br>: Nil |
| <b>Observations :</b><br>Flue Gas Temperature, °C,Avg.<br>Flue Gas Velocity(m/s),Avg.<br>Volumetric Flow Rate(Nm <sup>3</sup> /hr.)<br>Ambient Air Temperature, °C                                                                                                                                                                                                                                                                                                                                                                                   | : 50<br>: 32.34<br>: 4022908.20<br>: 24                                                                                                                                                                                                                                                                                         |

| S.No. | Parameters                   | Method | Specification | Result |
|-------|------------------------------|--------|---------------|--------|
|       | <b>Discipline : Chemical</b> |        |               |        |

  
Saurabh Sharma  
16-11-2021  
Reviewer

  
16-11-2021  
PremKumar  
[Authorized Signatory]

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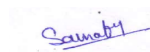
|    | Group : Atmospheric Pollution                                                                           |                 |               |               |
|----|---------------------------------------------------------------------------------------------------------|-----------------|---------------|---------------|
| 1. | General Parameters                                                                                      |                 |               |               |
| a. | Particulate Matter, mg/Nm <sup>3</sup> (Corrected to 6% O <sub>2</sub> on dry basis)                    | IS:11255(P-1)   | Max. 50       | 30.59         |
| b. | Sulphur Dioxide (SO <sub>2</sub> ), mg/Nm <sup>3</sup> (Corrected to 6% O <sub>2</sub> on dry basis)    | IS:11255(P-2)   | Max. 200      | 163.08        |
| c. | Oxides of Nitrogen (NO <sub>x</sub> ), mg/Nm <sup>3</sup> (Corrected to 6% O <sub>2</sub> on dry basis) | IS:11255(P-7)   | Max. 450      | 171.99        |
| d. | Mercury(As Hg),mg/Nm3                                                                                   | USEPA Method    | Max. 0.03     | BLQ(LOQ:0.01) |
| e. | Carbon Monoxide(CO),% v/v                                                                               | IS:13270        | Max. 1.0      | 0.2           |
| f. | Moisture, % by mass                                                                                     | IS: 11255 (P-3) | Not Specified | 5.1           |

'#' represents Customer Defined Fields

**NOTE :** Not Applicable, BLQ- Below limit of quantification, LOQ- Limit of Quantification, During monitoring O<sub>2</sub> was found 6.6 % v/v. Requirement as per EPA 1986, PCLS/02/2010, S.O. 3305(E), Dated : 28.06.2018, Sample collected by lab rep. on 11.11.2021, Sampling Procedure - SOP/ITC/EW/056

**REMARKS :** N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
 Saurabh Sharma  
 16-11-2021  
 Reviewer

  
 16-11-2021  
 Prem Kumar  
 [Authorized Signatory]

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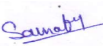
## Test Report

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|                                                                                         |                                                                                                                                                                                                                                                                                     |
|-----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b>                                                                        | <b>Sample Reg. No.</b> :E01-2111150606<br><b>Sample Reg. Date</b> :15-11-2021<br><b>Report Date</b> :18-11-2021<br><b>Report No.</b> :ICE-2111180706<br><b>NABL ULR No.</b> :TC592621000013675F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
| Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar |                                                                                                                                                                                                                                                                                     |

|                                            |                                                           |
|--------------------------------------------|-----------------------------------------------------------|
| <b>Test Report as per :</b>                | : EPA Act 1986/PCLS/2010                                  |
| <b>General Information :</b>               |                                                           |
| Date of Monitoring                         | : 13-11-2021                                              |
| Time of Monitoring                         | : 11:50 hrs to 12:14 hrs                                  |
| Name of the emission source monitored      | : Stack Emission of Boiler                                |
| (a) Rated Capacity                         | : 660 MW                                                  |
| (b) Capacity on sampling day               | : 625 MW                                                  |
| (c) Type of fuel used & its consumption    | : Coal & 358 Ton/hr                                       |
| (d) Normal operating schedule              | : 24 hrs                                                  |
| 2. Stack Identification                    | : Stack attached to Boiler, Unit-1 (at 65 meter's height) |
| 3.Type of Stack/Duct                       | : Metal                                                   |
| 4.Stack Height from Ground Level(m)        | : 275                                                     |
| Diameter of the Stack(cm)                  | : 700                                                     |
| (6) Sampling Duration(minutes)             | : 24                                                      |
| Purpose of Monitoring                      | : For Self Monitoring                                     |
| (8) Air Pollution control measure          | : ESP + FGD + FF= Low NOx Burner                          |
| (a) Status                                 | : Working                                                 |
| (b) Recovery of Material                   | : -                                                       |
| (9) Fugitive Emission,if any               | : Nil                                                     |
| <b>Observations :</b>                      |                                                           |
| Flue Gas Temperature, °C,Avg.              | : 49                                                      |
| Flue Gas Velocity(m/s),Avg.                | : 23.48                                                   |
| Volumetric Flow Rate(Nm <sup>3</sup> /hr.) | : 2921927.88                                              |
| Ambient Air Temperature, °C                | : 26                                                      |

| S.No. | Parameters                   | Method | Specification | Result |
|-------|------------------------------|--------|---------------|--------|
|       | <b>Discipline : Chemical</b> |        |               |        |

  
Saurabh Sharma  
18-11-2021  
Reviewer

  
18-11-2021  
PremKumar  
[Authorized Signatory]

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## Test Report

Document QF : 2501

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2111150606<br><b>Sample Reg. Date</b> :15-11-2021<br><b>Report Date</b> :18-11-2021<br><b>Report No.</b> :ICE-2111180706<br><b>NABL ULR No.</b> :TC592621000013675F<br><b>Customer Ref. No.:</b> Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

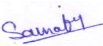
| Group : Atmospheric Pollution |                                                                                                         |                 |               |               |
|-------------------------------|---------------------------------------------------------------------------------------------------------|-----------------|---------------|---------------|
| 1. General Parameters         |                                                                                                         |                 |               |               |
| a.                            | Particulate Matter, mg/Nm <sup>3</sup> (Corrected to 6% O <sub>2</sub> on dry basis)                    | IS:11255(P-1)   | Max. 50       | 32.68         |
| b.                            | Sulphur Dioxide (SO <sub>2</sub> ), mg/Nm <sup>3</sup> (Corrected to 6% O <sub>2</sub> on dry basis)    | IS:11255(P-2)   | Max. 200      | 162.89        |
| c.                            | Oxides of Nitrogen (NO <sub>x</sub> ), mg/Nm <sup>3</sup> (Corrected to 6% O <sub>2</sub> on dry basis) | IS:11255(P-7)   | Max. 450      | 168.14        |
| d.                            | Mercury(As Hg),mg/Nm <sup>3</sup>                                                                       | USEPA Method    | Max. 0.03     | BLQ(LOQ:0.01) |
| e.                            | Carbon Monoxide(CO),% v/v                                                                               | IS:13270        | Max. 1.0      | 0.2           |
| f.                            | Moisture, % by mass                                                                                     | IS: 11255 (P-3) | Not Specified | 5.4           |

'#' represents Customer Defined Fields

**NOTE :** Not Applicable, BLQ- Below limit of quantification, LOQ- Limit of Quantification, During monitoring O<sub>2</sub> was found 6.4 % v/v. Requirement as per EPA 1986, PCLS/02/2010, S.O. 3305(E), Dated : 28.06.2018, Sample collected by lab rep. on 13.11.2021, Sampling Procedure - SOP/ITC/EW/056

**REMARKS :**N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
 Saurabh Sharma  
 18-11-2021  
 Reviewer

  
 18-11-2021  
 PremKumar  
 [Authorized Signatory]

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## Test Report

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|                                                                                         |                                                                                                                                                                                                                                                                                     |
|-----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b>                                                                        | <b>Sample Reg. No.</b> :E01-2111230941<br><b>Sample Reg. Date</b> :23-11-2021<br><b>Report Date</b> :26-11-2021<br><b>Report No.</b> :ICE-2111261128<br><b>NABL ULR No.</b> :TC592621000014081F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
| Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar |                                                                                                                                                                                                                                                                                     |

|                                            |                                                            |
|--------------------------------------------|------------------------------------------------------------|
| <b>Test Report as per :</b>                | : EPA Act 1986/PCLS/2010                                   |
| <b>General Information :</b>               |                                                            |
| Date of Monitoring                         | : 18-11-2021                                               |
| Time of Monitoring                         | : 10:30 hrs to 10:52 hrs                                   |
| Name of the emission source monitored      | : Stack Emission of Boiler                                 |
| (a) Rated Capacity                         | : 660 MW                                                   |
| (b) Capacity on sampling day               | : 656 MW                                                   |
| (c) Type of fuel used & its consumption    | : Coal & 350 ltr/hr                                        |
| (d) Normal operating schedule              | : 24 hrs                                                   |
| 2. Stack Identification                    | : Stack attached to Boiler, Unit-II (at 65 meter's height) |
| 3.Type of Stack/Duct                       | : Metal                                                    |
| 4.Stack Height from Ground Level(m)        | : 275                                                      |
| Diameter of the Stack(cm)                  | : 700                                                      |
| (6) Sampling Duration(minutes)             | : 22                                                       |
| Purpose of Monitoring                      | : For Self Monitoring                                      |
| (8) Air Pollution control measure          | : ESP + FF + FGD + Low NOx Burner                          |
| (a) Status                                 | : Working                                                  |
| (b) Recovery of Material                   | : -                                                        |
| (9) Fugitive Emission,if any               | : Nil                                                      |
| <b>Observations :</b>                      |                                                            |
| Flue Gas Temperature, °C,Avg.              | : 23                                                       |
| Flue Gas Velocity(m/s),Avg.                | : 25.96                                                    |
| Volumetric Flow Rate(Nm <sup>3</sup> /hr.) | : 3268357.27                                               |
| Ambient Air Temperature, °C                | : 47                                                       |

| S.No. | Parameters                   | Method | Specification | Result |
|-------|------------------------------|--------|---------------|--------|
|       | <b>Discipline : Chemical</b> |        |               |        |

V Saini

Vikrant  
26-11-2021  
Reviewer

PremKumar

26-11-2021  
PremKumar  
[Authorized Signatory]

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## Test Report

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|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2111230941<br><b>Sample Reg. Date</b> :23-11-2021<br><b>Report Date</b> :26-11-2021<br><b>Report No.</b> :ICE-2111261128<br><b>NABL ULR No.</b> :TC592621000014081F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

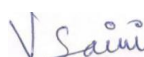
| Group : Atmospheric Pollution |                                                                                                         |                 |               |               |
|-------------------------------|---------------------------------------------------------------------------------------------------------|-----------------|---------------|---------------|
| 1. General Parameters         |                                                                                                         |                 |               |               |
| a.                            | Particulate Matter, mg/Nm <sup>3</sup> (Corrected to 6% O <sub>2</sub> on dry basis)                    | IS:11255(P-1)   | Max. 50       | 33.42         |
| b.                            | Sulphur Dioxide (SO <sub>2</sub> ), mg/Nm <sup>3</sup> (Corrected to 6% O <sub>2</sub> on dry basis)    | IS:11255(P-2)   | Max. 200      | 159.25        |
| c.                            | Oxides of Nitrogen (NO <sub>x</sub> ), mg/Nm <sup>3</sup> (Corrected to 6% O <sub>2</sub> on dry basis) | IS:11255(P-7)   | Max. 450      | 191.18        |
| d.                            | Mercury(As Hg),mg/Nm <sup>3</sup>                                                                       | USEPA Method    | Max. 0.03     | BLQ(LOQ:0.01) |
| e.                            | Carbon Monoxide(CO),% v/v                                                                               | IS:13270        | Max. 1.0      | 0.2           |
| f.                            | Moisture, % by mass                                                                                     | IS: 11255 (P-3) | Not Specified | 5.2           |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, During monitoring O<sub>2</sub> was found to be 6.4 % v/v. Requirement as per EPA Act 1986/PCLS/2010, SO 3305(E), Date: 28.06.2018 .Sample Collected by lab rep. on 18.11.2021. Sampling Procedure : SOP/ITC/EW/056

**REMARKS :** N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Vikrant  
26-11-2021  
Reviewer

  
26-11-2021  
PremKumar  
[Authorized Signatory]

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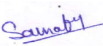
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|                                                                                                                 |                                                                                                                                                                                                                                                                                     |
|-----------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2111291234<br><b>Sample Reg. Date</b> :29-11-2021<br><b>Report Date</b> :09-12-2021<br><b>Report No.</b> :ICE-2112090354<br><b>NABL ULR No.</b> :TC592621000014583F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-----------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                 |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Test Report as per :</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | : EPA Act 1986/PCLS/2010                                                                                                                                                                                                                                                                        |
| <b>General Information :</b><br><br>Date of Monitoring<br>Time of Monitoring<br>Name of the emission source monitored<br>(a) Rated Capacity<br>(b) Capacity on sampling day<br>(c) Type of fuel used & its consumption<br>(d) Normal operating schedule<br>2. Stack Identification<br>3.Type of Stack/Duct<br>4.Stack Height from Ground Level(m)<br>Diameter of the Stack(cm)<br>(6) Sampling Duration(minutes)<br>Purpose of Monitoring<br>(8) Air Pollution control measure<br>(a) Status<br>(b) Recovery of Material<br>(9) Fugitive Emission,if any | : 26-11-2021<br>: 10:25 to 10:52 hrs<br>: Stack Emission of Boiler Unit -1<br>: 660 MW<br>: 656MW<br>: Coal & 433 Ton/hr<br>: 24 hrs<br>: Stack attached to Boiler Unit-1<br>: Metal<br>: 275<br>: 700<br>: 27<br>: For Self Monitoring<br>: ESP+FF+LOW-NOX Burner<br>: Working<br>: -<br>: Nil |
| <b>Observations :</b><br><br>Flue Gas Temperature, °C,Avg.<br>Flue Gas Velocity(m/s),Avg.<br>Volumetric Flow Rate(Nm <sup>3</sup> /hr.)<br>Ambient Air Temperature, °C                                                                                                                                                                                                                                                                                                                                                                                   | : 51<br>: 20.52<br>: 2489670.20<br>: 19                                                                                                                                                                                                                                                         |

| S.No. | Parameters            | Method | Specification | Result |
|-------|-----------------------|--------|---------------|--------|
|       | Discipline : Chemical |        |               |        |

  
Saurabh Sharma  
09-12-2021  
Reviewer

  
09-12-2021  
PremKumar  
[Authorized Signatory]

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2111291234<br><b>Sample Reg. Date</b> :29-11-2021<br><b>Report Date</b> :09-12-2021<br><b>Report No.</b> :ICE-2112090354<br><b>NABL ULR No.</b> :TC592621000014583F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

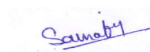
| Group : Atmospheric Pollution |                                                                                                         |                 |               |               |
|-------------------------------|---------------------------------------------------------------------------------------------------------|-----------------|---------------|---------------|
| 1. General Parameters         |                                                                                                         |                 |               |               |
| a.                            | Particulate Matter, mg/Nm <sup>3</sup> (Corrected to 6% O <sub>2</sub> on dry basis)                    | IS:11255(P-1)   | Max. 50       | 27.27         |
| b.                            | Sulphur Dioxide (SO <sub>2</sub> ), mg/Nm <sup>3</sup> (Corrected to 6% O <sub>2</sub> on dry basis)    | IS:11255(P-2)   | Max. 200      | 154.39        |
| c.                            | Oxides of Nitrogen (NO <sub>x</sub> ), mg/Nm <sup>3</sup> (Corrected to 6% O <sub>2</sub> on dry basis) | IS:11255(P-7)   | Max. 450      | 249.39        |
| d.                            | Mercury(As Hg),mg/Nm <sup>3</sup>                                                                       | USEPA Method    | Max. 0.03     | BLQ(LOQ:0.01) |
| e.                            | Carbon Monoxide(CO),% v/v                                                                               | IS:13270        | Max. 1.0      | 0.2           |
| f.                            | Moisture, % by mass                                                                                     | IS: 11255 (P-3) | Not Specified | 4.8           |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per EPA Act 1986/PCLS/2010, Sample collected by lab rep. on dated 26.11.2021, Sampling Procedure - SOP/ITC/EW/056

**REMARKS :**N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
09-12-2021  
Reviewer

  
09-12-2021  
PremKumar  
[Authorized Signatory]

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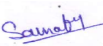
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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2111130519<br><b>Sample Reg. Date</b> :13-11-2021<br><b>Report Date</b> :18-11-2021<br><b>Report No.</b> :ICE-2111180726<br><b>NABL ULR No.</b> :TC592621000013695F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                  |                               |
|----------------------------------|-------------------------------|
| <b>Test Report as per IS:</b> NA | <b>With Amendment No.(s):</b> |
|----------------------------------|-------------------------------|

### PART A : PARTICULARS OF SAMPLE SUBMITTED

|    |                                            |                                                                                    |
|----|--------------------------------------------|------------------------------------------------------------------------------------|
| a) | Nature of Sample <sup>#</sup>              | ETP Inlet Water                                                                    |
| b) | Sample Condition                           | Good                                                                               |
| c) | Grade / Variety / Type / Class / Size etc. | NA                                                                                 |
| d) | Brand Name                                 | NA                                                                                 |
| e) | Declared Values,if any                     | NA                                                                                 |
| f) | Code No.                                   |  |
| g) | Batch Number <sup>#</sup>                  | NA                                                                                 |
| h) | D.O.M <sup>#</sup>                         | NA                                                                                 |
| i) | Date of Expiry <sup>#</sup>                | NA                                                                                 |
| j) | Sample Quantity <sup>#</sup>               | 2 Ltr                                                                              |
| k) | Batch Size/Location <sup>#</sup>           | NA                                                                                 |
| l) | Mode of Packing                            | Packed in bottles                                                                  |
| m) | Date of Receipt                            | 13-11-2021                                                                         |
| n) | Date of Start                              | 13-11-2021                                                                         |
| o) | Date of Completion                         | 18-11-2021                                                                         |
| p) | Seal (Intact/Not Intact/Unsealed)          | NA                                                                                 |
| q) | IO'S Signature (Signed/Unsigned)           | Unsigned                                                                           |
| r) | Any Other Information                      | Sample collected by lab rep. on 11.11.2021                                         |
| s) | Test Request Submitted By                  | Jhajjar Power Limited-Jhajjar ( Haryana )                                          |
| t) | Manufactured By <sup>#</sup>               | NA                                                                                 |

  
Saurabh Sharma  
18-11-2021  
Reviewer

  
18-11-2021  
PremKumar  
[Authorized Signatory]

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2111130519<br><b>Sample Reg. Date</b> :13-11-2021<br><b>Report Date</b> :18-11-2021<br><b>Report No.</b> :ICE-2111180726<br><b>NABL ULR No.</b> :TC592621000013695F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                  |    |
|------------------|----|
| u) Supplied By # | NA |
|------------------|----|

### PART B : SUPPLEMENTARY INFORMATIONS

|                                                                                                                                                                 |       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| a. Reference to sampling procedure, whenever applicable                                                                                                         | : N/A |
| b. Supporting documents for the measurement taken and results derived like graphs, tables, sketches and / or photographs as appropriate to test reports, if any | : N/A |
| c. Deviation from the test methods as prescribed in relevant ISS/WORK Instruments, if any                                                                       | : N/A |

| Description                                |                                                   |                                      |               |               |
|--------------------------------------------|---------------------------------------------------|--------------------------------------|---------------|---------------|
| Description                                | ETP Inlet Water                                   |                                      |               |               |
| S.No.                                      | Parameters                                        | Method                               | Specification | Result        |
| <b>Discipline : Chemical</b>               |                                                   |                                      |               |               |
| <b>Group : Pollution &amp; Environment</b> |                                                   |                                      |               |               |
| <b>1.</b>                                  | <b>General Parameters</b>                         |                                      |               |               |
| a.                                         | Colour                                            | IS:3025(Part4):1983(RA:2017)amd. no1 |               | Light Greyish |
| b.                                         | Odour                                             | IS:3025(Part 5):1983(RA:2017)        |               | Mild          |
| c.                                         | pH Value                                          | IS:3025 (Part - 11):1983(RA:2017)    |               | 7.68          |
| d.                                         | Total Suspended Solids,(mg/l)                     | IS:3025(Part 17)                     |               | 54            |
| e.                                         | Total Dissolved Solids (mg/l)                     | IS:3025(Part 16):1984(RA.2006)       | -             | 638           |
| f.                                         | Chemical Oxygen Demand(mg/l)                      | APHA-23rd Edition                    |               | 97            |
| g.                                         | Bio-chemical Oxygen Demand, mg/l (3 days at 27°C) | IS:3025(P-44)                        |               | 32            |
| h.                                         | Oil & Grease(mg/l)                                | IS:3025(P-39)                        |               | 2.4           |
| i.                                         | Zinc(As Zn)(mg/l)                                 | IS: 3025 (P-2)                       |               | BLQ(LOQ:0.05) |
| j.                                         | Arsenic(as As)(mg/l)                              | IS: 3025 (P-2)                       |               | BLQ(LOQ:0.05) |

*Saurabh Sharma*  
Saurabh Sharma  
18-11-2021  
Reviewer

*Prem Kumar*  
18-11-2021  
PremKumar  
[Authorized Signatory]

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## Test Report

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2111130519<br><b>Sample Reg. Date</b> :13-11-2021<br><b>Report Date</b> :18-11-2021<br><b>Report No.</b> :ICE-2111180726<br><b>NABL ULR No.</b> :TC592621000013695F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

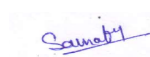
|    |                               |                                        |               |
|----|-------------------------------|----------------------------------------|---------------|
| k. | Total Chromium as Cr (mg/l)   | IS: 3025 (P-2)                         | BLQ(LOQ:0.05) |
| l. | Cyanide as CN, (mg/l)         | IS:3025(P-27)                          | Absent        |
| m. | Iron(as Fe)(mg/l)             | IS: 3025 (P-2)                         | BLQ(LOQ:0.05) |
| n. | Temperature(°C)               | IS: 3025 (P-9)                         | 26.1          |
| o. | Free Residual Chlorine (mg/l) | IS:3025(Part 26):1986(RA:2014)amd no 1 | BLQ(LOQ:0.03) |
| p. | Phosphate as P (mg/l)         | APHA-23rd Edition                      | 0.28          |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Sampling Procedure - SOP/ITC/EW/030, Purpose - For Self monitoring

**REMARKS :**N/A

**\*\*\*\*\*End Of Report\*\*\*\*\***

  
Saurabh Sharma  
18-11-2021  
Reviewer

  
18-11-2021  
PremKumar  
[Authorized Signatory]

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## Test Report

Document QF : 2501

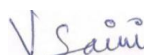
Page 1 of 3

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2111130521<br><b>Sample Reg. Date</b> :13-11-2021<br><b>Report Date</b> :26-11-2021<br><b>Report No.</b> :ICE-2111261146<br><b>NABL ULR No.</b> :TC592621000014072F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                      |                               |
|------------------------------------------------------|-------------------------------|
| <b>Test Report as per IS:</b> EPA Act 1986/PCLS/2010 | <b>With Amendment No.(s):</b> |
|------------------------------------------------------|-------------------------------|

### PART A : PARTICULARS OF SAMPLE SUBMITTED

|    |                                            |                                                                                    |
|----|--------------------------------------------|------------------------------------------------------------------------------------|
| a) | Nature of Sample #                         | ETP Outlet Water                                                                   |
| b) | Sample Condition                           | Good                                                                               |
| c) | Grade / Variety / Type / Class / Size etc. | NA                                                                                 |
| d) | Brand Name                                 | NA                                                                                 |
| e) | Declared Values,if any                     | NA                                                                                 |
| f) | Code No.                                   |  |
| g) | Batch Number #                             | NA                                                                                 |
| h) | D.O.M #                                    | NA                                                                                 |
| i) | Date of Expiry #                           | NA                                                                                 |
| j) | Sample Quantity #                          | 2+5 Ltr                                                                            |
| k) | Batch Size/Location #                      | NA                                                                                 |
| l) | Mode of Packing                            | Packed in bottles                                                                  |
| m) | Date of Receipt                            | 13-11-2021                                                                         |
| n) | Date of Start                              | 13-11-2021                                                                         |
| o) | Date of Completion                         | 26-11-2021                                                                         |
| p) | Seal (Intact/Not Intact/Unsealed)          | NA                                                                                 |
| q) | IO'S Signature (Signed/Unsigned)           | Unsigned                                                                           |
| r) | Any Other Information                      | Sample Collected by lab rep. on 11.11.2021                                         |
| s) | Test Request Submitted By                  | Jhajjar Power Limited-Jhajjar ( Haryana )                                          |
| t) | Manufactured By #                          | NA                                                                                 |

  
Vikrant  
26-11-2021  
Reviewer

  
26-11-2021  
PremKumar  
[Authorized Signatory]

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## Test Report

Document QF : 2501

Page 2 of 3

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2111130521<br><b>Sample Reg. Date</b> :13-11-2021<br><b>Report Date</b> :26-11-2021<br><b>Report No.</b> :ICE-2111261146<br><b>NABL ULR No.</b> :TC592621000014072F<br><b>Customer Ref. No.:</b> Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                  |    |
|------------------|----|
| u) Supplied By # | NA |
|------------------|----|

### PART B : SUPPLEMENTARY INFORMATIONS

|                                                                                                                                                                 |       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| a. Reference to sampling procedure, whenever applicable                                                                                                         | : N/A |
| b. Supporting documents for the measurement taken and results derived like graphs, tables, sketches and / or photographs as appropriate to test reports, if any | : N/A |
| c. Deviation from the test methods as prescribed in relevant ISS/WORK Instruments, if any                                                                       | : N/A |

### Description

|             |                  |
|-------------|------------------|
| Description | ETP outlet water |
|-------------|------------------|

| S.No. | Parameters                                        | Method                               | Specification | Result        |
|-------|---------------------------------------------------|--------------------------------------|---------------|---------------|
|       | <b>Discipline : Chemical</b>                      |                                      |               |               |
|       | <b>Group : Pollution &amp; Environment</b>        |                                      |               |               |
| 1.    | <b>General Parameters</b>                         |                                      |               |               |
| a.    | Colour                                            | IS:3025(Part4):1983(RA:2017)amd. no1 | Not Specified | Colourless    |
| b.    | Odour                                             | IS:3025(Part 5):1983(RA:2017)        | Not Specified | None          |
| c.    | pH Value                                          | IS:3025 (Part - 11):1983(RA:2017)    | 5.5-9         | 7.88          |
| d.    | Total Suspended Solids,(mg/l)                     | IS:3025(Part 17)                     | Max. 100      | <1.0          |
| e.    | Total Dissolved Solids (mg/l)                     | IS:3025(Part 16):1984(RA.2006)       | Max. 2100--   | 640           |
| f.    | Chemical Oxygen Demand(mg/l)                      | APHA-23rd Edition                    | Max. 250      | 8             |
| g.    | Bio-chemical Oxygen Demand, mg/l (3 days at 27°C) | IS:3025(P-44)                        | Max. 30       | 2             |
| h.    | Oil & Grease(mg/l)                                | IS:3025(P-39)                        | Max. 10       | <0.1          |
| i.    | Zinc(As Zn)(mg/l)                                 | IS: 3025 (P-2)                       | Max. 5.0      | BLQ(LOQ:0.05) |
| j.    | Arsenic(as As)(mg/l)                              | IS: 3025 (P-2)                       | Max. 0.2      | BLQ(LOQ:0.05) |

V Saini

Vikrant  
26-11-2021  
Reviewer

PremKumar

26-11-2021  
PremKumar  
[Authorized Signatory]

### Interstellar Testing Centre Pvt. Ltd.

86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
Panchkula-134109 (Haryana)  
Phone : (O) 0172-2561543, 2565825  
Email : customersupport@itclabs.com  
Visit us :www.itclabs.com

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## Test Report

Document QF : 2501

Page 3 of 3

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2111130521<br><b>Sample Reg. Date</b> :13-11-2021<br><b>Report Date</b> :26-11-2021<br><b>Report No.</b> :ICE-2111261146<br><b>NABL ULR No.</b> :TC592621000014072F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

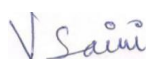
|    |                               |                   |                                                                             |                                                        |
|----|-------------------------------|-------------------|-----------------------------------------------------------------------------|--------------------------------------------------------|
| k. | Total Chromium as Cr (mg/l)   | IS: 3025 (P-2)    | Max. 2.0                                                                    | BLQ(LOQ:0.05)                                          |
| l. | Cyanide as CN, (mg/l)         | IS:3025(P-27)     | Max. 0.2                                                                    | Absent                                                 |
| m. | Iron(as Fe)(mg/l)             | IS: 3025 (P-2)    | Max. 3.0                                                                    | BLQ(LOQ:0.05)                                          |
| n. | Bio Assay Test                | IS:6582-1971      | Minimum 90 % survival of fish was observed after 96 hours in 100 % effluent | 90% Survival of fishes after 96 hours in 100% Effluent |
| o. | Temperature(°C)               | IS: 3025 (P-9)    |                                                                             | 25.2                                                   |
| p. | Free Residual Chlorine (mg/l) | IS:3025(P-26)     | Max. 1.0                                                                    | BLQ (LOQ:1.0)                                          |
| q. | Phosphate as P (mg/l)         | APHA-23rd Edition | Not Specified                                                               | 0.16                                                   |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per EPA Act 1986/PCLS/2010, G.S.R 281(E), Dated - 07.03.2016. Sampling Procedure: SOP/ITC/EW/030

**REMARKS :**N/A

\*\*\*\*\*End Of Report\*\*\*\*\*



Vikrant  
26-11-2021  
Reviewer



26-11-2021  
Prem Kumar  
[Authorized Signatory]

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## Test Report

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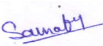
Page 1 of 3

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2111130527<br><b>Sample Reg. Date</b> :13-11-2021<br><b>Report Date</b> :19-11-2021<br><b>Report No.</b> :ICE-2111190787<br><b>NABL ULR No.</b> :TC592621000013722F<br><b>Customer Ref. No.:</b> Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                  |                               |
|----------------------------------|-------------------------------|
| <b>Test Report as per IS:</b> NA | <b>With Amendment No.(s):</b> |
|----------------------------------|-------------------------------|

### PART A : PARTICULARS OF SAMPLE SUBMITTED

|    |                                            |                                                                                    |
|----|--------------------------------------------|------------------------------------------------------------------------------------|
| a) | Nature of Sample #                         | STP Inlet Water (Plant)                                                            |
| b) | Sample Condition                           | Good                                                                               |
| c) | Grade / Variety / Type / Class / Size etc. | NA                                                                                 |
| d) | Brand Name                                 | NA                                                                                 |
| e) | Declared Values,if any                     | NA                                                                                 |
| f) | Code No.                                   |  |
| g) | Batch Number #                             | NA                                                                                 |
| h) | D.O.M #                                    | NA                                                                                 |
| i) | Date of Expiry #                           | NA                                                                                 |
| j) | Sample Quantity #                          | 2 Ltr                                                                              |
| k) | Batch Size/Location #                      | NA                                                                                 |
| l) | Mode of Packing                            | Packed in bottles                                                                  |
| m) | Date of Receipt                            | 13-11-2021                                                                         |
| n) | Date of Start                              | 13-11-2021                                                                         |
| o) | Date of Completion                         | 19-11-2021                                                                         |
| p) | Seal (Intact/Not Intact/Unsealed)          | NA                                                                                 |
| q) | IO'S Signature (Signed/Unsigned)           | Unsigned                                                                           |
| r) | Any Other Information                      | Sample collected by lab rep. on 11.11.2021                                         |
| s) | Test Request Submitted By                  | Jhajjar Power Limited-Jhajjar ( Haryana )                                          |
| t) | Manufactured By #                          | NA                                                                                 |

  
Saurabh Sharma  
19-11-2021  
Reviewer

  
19-11-2021  
PremKumar  
[Authorized Signatory]

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## Test Report

Document QF : 2501

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2111130527<br><b>Sample Reg. Date</b> :13-11-2021<br><b>Report Date</b> :19-11-2021<br><b>Report No.</b> :ICE-2111190787<br><b>NABL ULR No.</b> :TC592621000013722F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                  |    |
|------------------|----|
| u) Supplied By # | NA |
|------------------|----|

### PART B : SUPPLEMENTARY INFORMATIONS

|                                                                                                                                                                 |       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| a. Reference to sampling procedure, whenever applicable                                                                                                         | : N/A |
| b. Supporting documents for the measurement taken and results derived like graphs, tables, sketches and / or photographs as appropriate to test reports, if any | : N/A |
| c. Deviation from the test methods as prescribed in relevant ISS/WORK Instruments, if any                                                                       | : N/A |

| Description                                |                                                   |                                      |               |               |
|--------------------------------------------|---------------------------------------------------|--------------------------------------|---------------|---------------|
| Description                                |                                                   | STP Inlet Water (Plant)              |               |               |
| S.No.                                      | Parameters                                        | Method                               | Specification | Result        |
| <b>Discipline : Chemical</b>               |                                                   |                                      |               |               |
| <b>Group : Pollution &amp; Environment</b> |                                                   |                                      |               |               |
| <b>1.</b>                                  | <b>General Parameters</b>                         |                                      |               |               |
| a.                                         | Colour                                            | IS:3025(Part4):1983(RA:2017)amd. no1 |               | Light Greyish |
| b.                                         | Odour                                             | IS:3025(Part 5):1983(RA:2017)        |               | Musty         |
| c.                                         | pH Value                                          | IS:3025 (Part - 11):1983(RA:2017)    |               | 7.22          |
| d.                                         | Total Suspended Solids,(mg/l)                     | IS:3025(Part 17)                     |               | 72            |
| e.                                         | Total Dissolved Solids (mg/l)                     | IS:3025(Part 16):1984(RA.2006)       | -             | 508           |
| f.                                         | Chemical Oxygen Demand(mg/l)                      | APHA-23rd Edition                    |               | 129           |
| g.                                         | Bio-chemical Oxygen Demand, mg/l (3 days at 27°C) | IS:3025(P-44)                        |               | 46            |
| h.                                         | Oil & Grease(mg/l)                                | IS:3025(P-39)                        |               | 2.4           |

*Saurabh Sharma*  
Saurabh Sharma  
19-11-2021  
Reviewer

*PremKumar*  
19-11-2021  
PremKumar  
[Authorized Signatory]

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## Test Report

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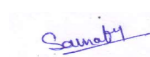
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|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2111130527<br><b>Sample Reg. Date</b> :13-11-2021<br><b>Report Date</b> :19-11-2021<br><b>Report No.</b> :ICE-2111190787<br><b>NABL ULR No.</b> :TC592621000013722F<br><b>Customer Ref. No.:</b> Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
| i. Free Residual Chlorine (mg/l)                                                                            | IS:3025(Part 26):1986(RA:2014)amd no 1<br>BLQ(LOQ:0.03)                                                                                                                                                                                                                             |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Sampling Procedure - SOP/ITC/EW/030, Purpose - For Self monitoring

**REMARKS :**N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
19-11-2021  
Reviewer

  
19-11-2021  
PremKumar  
[Authorized Signatory]

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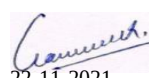
Page 1 of 3

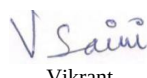
|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2111130528<br><b>Sample Reg. Date</b> :13-11-2021<br><b>Report Date</b> :22-11-2021<br><b>Report No.</b> :ICE-2111220927<br><b>NABL ULR No.</b> :TC592621000013884F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2021 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                 |                               |
|---------------------------------|-------------------------------|
| <b>Test Report as per IS:NA</b> | <b>With Amendment No.(s):</b> |
|---------------------------------|-------------------------------|

### PART A : PARTICULARS OF SAMPLE SUBMITTED

|    |                                            |                                                                                    |
|----|--------------------------------------------|------------------------------------------------------------------------------------|
| a) | Nature of Sample <sup>#</sup>              | STP Inlet Water (Plant).                                                           |
| b) | Sample Condition                           | Good                                                                               |
| c) | Grade / Variety / Type / Class / Size etc. | NA                                                                                 |
| d) | Brand Name                                 | NA                                                                                 |
| e) | Declared Values,if any                     | NA                                                                                 |
| f) | Code No.                                   |  |
| g) | Batch Number <sup>#</sup>                  | NA                                                                                 |
| h) | D.O.M <sup>#</sup>                         | NA                                                                                 |
| i) | Date of Expiry <sup>#</sup>                | NA                                                                                 |
| j) | Sample Quantity <sup>#</sup>               | 1 Ltr                                                                              |
| k) | Batch Size/Location <sup>#</sup>           | NA                                                                                 |
| l) | Mode of Packing                            | Packed in bottle                                                                   |
| m) | Date of Receipt                            | 13-11-2021                                                                         |
| n) | Date of Start                              | 13-11-2021                                                                         |
| o) | Date of Completion                         | 22-11-2021                                                                         |
| p) | Seal (Intact/Not Intact/Unsealed)          | NA                                                                                 |
| q) | IO'S Signature (Signed/Unsigned)           | Unsigned                                                                           |
| r) | Any Other Information                      | Sample Collected by lab rep. on dated 11.11.2021                                   |
| s) | Test Request Submitted By                  | Jhajjar Power Limited-Jhajjar ( Haryana )                                          |
| t) | Manufactured By <sup>#</sup>               | NA                                                                                 |

  
22-11-2021  
**Gaurav Khandelwal**  
[Authorized Signatory]

  
Vikrant  
22-11-2021  
**Reviewer**

  
22-11-2021  
**PremKumar**  
[Authorized Signatory]

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## Test Report

Document QF : 2501

Page 2 of 3

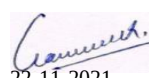
|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2111130528<br><b>Sample Reg. Date</b> :13-11-2021<br><b>Report Date</b> :22-11-2021<br><b>Report No.</b> :ICE-2111220927<br><b>NABL ULR No.</b> :TC592621000013884F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2021 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

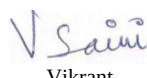
|                  |    |
|------------------|----|
| u) Supplied By # | NA |
|------------------|----|

### PART B : SUPPLEMENTARY INFORMATIONS

|                                                                                                                                                                 |       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| a. Reference to sampling procedure, whenever applicable                                                                                                         | : N/A |
| b. Supporting documents for the measurement taken and results derived like graphs, tables, sketches and / or photographs as appropriate to test reports, if any | : N/A |
| c. Deviation from the test methods as prescribed in relevant ISS/WORK Instruments, if any                                                                       | : N/A |

| Description                                |                                     |                                                     |               |                     |
|--------------------------------------------|-------------------------------------|-----------------------------------------------------|---------------|---------------------|
| Description                                |                                     | Turbid Liquid with suspended & Settleable particles |               |                     |
| S.No.                                      | Parameters                          | Method                                              | Specification | Result              |
| <b>Discipline : Chemical</b>               |                                     |                                                     |               |                     |
| <b>Group : Pollution &amp; Environment</b> |                                     |                                                     |               |                     |
| <b>1.</b>                                  | <b>General Parameters</b>           |                                                     |               |                     |
| a.                                         | Nitrate as NO <sub>3</sub> (mg/l)   | IS:3025(P-34)                                       |               | 1.4                 |
| b.                                         | Calcium(as Ca)(mg/l)                | IS:3025(P-40)                                       | -             | 58                  |
| c.                                         | Magnesium as Mg(mg/l)               | IS:3025(Part-46)                                    | -             | 26                  |
| d.                                         | Sodium(as Na)(mg/l)                 | IS:3025(P-45)                                       | -             | 30                  |
| e.                                         | Potassium as K,(mg/l)               | IS:3025(P-45)                                       |               | 4.5                 |
| f.                                         | Phosphate as PO <sub>4</sub> (mg/l) | APHA-23rd Edition                                   |               | 0.8                 |
| <b>Discipline : Biological</b>             |                                     |                                                     |               |                     |
| <b>Group : Pollution &amp; Environment</b> |                                     |                                                     |               |                     |
| <b>1.</b>                                  | <b>Microbiological Tests</b>        |                                                     |               |                     |
| a.                                         | Faecal Coliforms, (MPN/100ml)       | APHA-23 rd Edn 17-9221 F                            |               | 9.3x10 <sup>4</sup> |
| b.                                         | E.coli, (MPN/100ml)                 | APHA-23 rd Edn 17-9221 F                            |               | 6.9x10 <sup>4</sup> |

  
22-11-2021  
Gaurav Khandelwal  
[Authorized Signatory]

  
Vikrant  
22-11-2021  
Reviewer

  
22-11-2021  
PremKumar  
[Authorized Signatory]

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## Test Report

Document QF : 2501

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2111130528<br><b>Sample Reg. Date</b> :13-11-2021<br><b>Report Date</b> :22-11-2021<br><b>Report No.</b> :ICE-2111220927<br><b>NABL ULR No.</b> :TC592621000013884F<br><b>Customer Ref. No.:</b> Order No.5030010814<br><b>Letter Dated</b> :29.10.2021 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|    |                            |                          |                     |
|----|----------------------------|--------------------------|---------------------|
| c. | Total Coliform (MPN/100ml) | APHA-23 rd Edn 17-9221 F | 1.4x10 <sup>5</sup> |
|----|----------------------------|--------------------------|---------------------|

'#' represents Customer Defined Fields

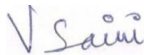
**NOTE** : NA- Not Applicable, Sampling Procedure: SOP/ITC/EW/030

**REMARKS** :N/A

\*\*\*\*\*End Of Report\*\*\*\*\*



22-11-2021  
Gaurav Khandelwal  
[Authorized Signatory]



Vikrant  
22-11-2021  
Reviewer



22-11-2021  
PremKumar  
[Authorized Signatory]

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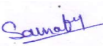
Page 1 of 3

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2111130529<br><b>Sample Reg. Date</b> :13-11-2021<br><b>Report Date</b> :19-11-2021<br><b>Report No.</b> :ICE-2111190788<br><b>NABL ULR No.</b> :TC592621000013725F<br><b>Customer Ref. No.:</b> Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                      |                               |
|------------------------------------------------------|-------------------------------|
| <b>Test Report as per IS:</b> EPA Act 1986/PCLS/2010 | <b>With Amendment No.(s):</b> |
|------------------------------------------------------|-------------------------------|

### PART A : PARTICULARS OF SAMPLE SUBMITTED

|    |                                            |                                                                                    |
|----|--------------------------------------------|------------------------------------------------------------------------------------|
| a) | Nature of Sample #                         | STP Outlet Water (Plant)                                                           |
| b) | Sample Condition                           | Good                                                                               |
| c) | Grade / Variety / Type / Class / Size etc. | NA                                                                                 |
| d) | Brand Name                                 | NA                                                                                 |
| e) | Declared Values,if any                     | NA                                                                                 |
| f) | Code No.                                   |  |
| g) | Batch Number #                             | NA                                                                                 |
| h) | D.O.M #                                    | NA                                                                                 |
| i) | Date of Expiry #                           | NA                                                                                 |
| j) | Sample Quantity #                          | 2 Ltr                                                                              |
| k) | Batch Size/Location #                      | NA                                                                                 |
| l) | Mode of Packing                            | Packed in bottles                                                                  |
| m) | Date of Receipt                            | 13-11-2021                                                                         |
| n) | Date of Start                              | 13-11-2021                                                                         |
| o) | Date of Completion                         | 19-11-2021                                                                         |
| p) | Seal (Intact/Not Intact/Unsealed)          | NA                                                                                 |
| q) | IO'S Signature (Signed/Unsigned)           | Unsigned                                                                           |
| r) | Any Other Information                      | Sample collected by lab rep. on 11.11.2021                                         |
| s) | Test Request Submitted By                  | Jhajjar Power Limited-Jhajjar ( Haryana )                                          |
| t) | Manufactured By #                          | NA                                                                                 |

  
Saurabh Sharma  
19-11-2021  
Reviewer

  
19-11-2021  
PremKumar  
[Authorized Signatory]

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## Test Report

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2111130529<br><b>Sample Reg. Date</b> :13-11-2021<br><b>Report Date</b> :19-11-2021<br><b>Report No.</b> :ICE-2111190788<br><b>NABL ULR No.</b> :TC592621000013725F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                  |    |
|------------------|----|
| u) Supplied By # | NA |
|------------------|----|

### PART B : SUPPLEMENTARY INFORMATIONS

|                                                                                                                                                                 |       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| a. Reference to sampling procedure, whenever applicable                                                                                                         | : N/A |
| b. Supporting documents for the measurement taken and results derived like graphs, tables, sketches and / or photographs as appropriate to test reports, if any | : N/A |
| c. Deviation from the test methods as prescribed in relevant ISS/WORK Instruments, if any                                                                       | : N/A |

### Description

|             |                          |
|-------------|--------------------------|
| Description | STP Outlet Water (Plant) |
|-------------|--------------------------|

| S.No.     | Parameters                                        | Method                               | Specification | Result        |
|-----------|---------------------------------------------------|--------------------------------------|---------------|---------------|
|           | <b>Discipline : Chemical</b>                      |                                      |               |               |
|           | <b>Group : Pollution &amp; Environment</b>        |                                      |               |               |
| <b>1.</b> | <b>General Parameters</b>                         |                                      |               |               |
| a.        | Colour                                            | IS:3025(Part4):1983(RA:2017)amd. no1 | Not Specified | Colourless    |
| b.        | Odour                                             | IS:3025(Part 5):1983(RA:2017)        | Not Specified | None          |
| c.        | pH Value                                          | IS:3025 (Part - 11):1983(RA:2017)    | 6.5-9         | 8.05          |
| d.        | Total Suspended Solids,(mg/l)                     | IS:3025(Part 17)                     | Max. 100      | 8             |
| e.        | Total Dissolved Solids (mg/l)                     | IS:3025(Part 16):1984(RA.2006)       | Not Specified | 510           |
| f.        | Chemical Oxygen Demand(mg/l)                      | APHA-23rd Edition                    | Not Specified | 32            |
| g.        | Bio-chemical Oxygen Demand, mg/l (3 days at 27°C) | IS:3025(P-44)                        | Max. 30       | 10            |
| h.        | Oil & Grease(mg/l)                                | IS:3025(P-39)                        | Max. 10       | <0.1          |
| i.        | Free Residual Chlorine (mg/l)                     | IS:3025(P-26)                        | Max. 1.0      | BLQ(LOQ:0.03) |

*Saurabh Sharma*  
Saurabh Sharma  
19-11-2021  
Reviewer

*PremKumar*  
19-11-2021  
PremKumar  
[Authorized Signatory]

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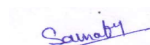
|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2111130529<br><b>Sample Reg. Date</b> :13-11-2021<br><b>Report Date</b> :19-11-2021<br><b>Report No.</b> :ICE-2111190788<br><b>NABL ULR No.</b> :TC592621000013725F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per EPA-1986, PCLS/02/2010, Sampling Procedure - SOP/ITC/EW/030, Purpose - For Self monitoring

**REMARKS :**N/A

\*\*\*\*\*End Of Report\*\*\*\*\*



Saurabh Sharma  
19-11-2021  
Reviewer



19-11-2021  
Prem Kumar  
[Authorized Signatory]

### Interstellar Testing Centre Pvt. Ltd.

86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
Panchkula-134109 (Haryana)  
Phone : (O) 0172-2561543, 2565825  
Email : customersupport@itclabs.com  
Visit us : www.itclabs.com

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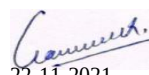
Document QF : 2501

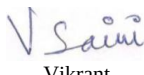
|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2111130530<br><b>Sample Reg. Date</b> :13-11-2021<br><b>Report Date</b> :22-11-2021<br><b>Report No.</b> :ICE-2111220933<br><b>NABL ULR No.</b> :TC592621000013896F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                      |                               |
|------------------------------------------------------|-------------------------------|
| <b>Test Report as per IS:</b> EPA Act 1986/PCLS/2010 | <b>With Amendment No.(s):</b> |
|------------------------------------------------------|-------------------------------|

### PART A : PARTICULARS OF SAMPLE SUBMITTED

|    |                                            |                                                                                      |
|----|--------------------------------------------|--------------------------------------------------------------------------------------|
| a) | Nature of Sample #                         | STP Outlet Water (Plant).                                                            |
| b) | Sample Condition                           | Good                                                                                 |
| c) | Grade / Variety / Type / Class / Size etc. | NA                                                                                   |
| d) | Brand Name                                 | NA                                                                                   |
| e) | Declared Values,if any                     | NA                                                                                   |
| f) | Code No.                                   |  |
| g) | Batch Number #                             | NA                                                                                   |
| h) | D.O.M #                                    | NA                                                                                   |
| i) | Date of Expiry #                           | NA                                                                                   |
| j) | Sample Quantity #                          | 1 Ltr                                                                                |
| k) | Batch Size/Location #                      | NA                                                                                   |
| l) | Mode of Packing                            | Packed in bottle                                                                     |
| m) | Date of Receipt                            | 13-11-2021                                                                           |
| n) | Date of Start                              | 13-11-2021                                                                           |
| o) | Date of Completion                         | 22-11-2021                                                                           |
| p) | Seal (Intact/Not Intact/Unsealed)          | NA                                                                                   |
| q) | IO'S Signature (Signed/Unsigned)           | Unsigned                                                                             |
| r) | Any Other Information                      | Sample Collected by lab rep. on dated 11.11.2021                                     |

  
 22-11-2021  
 Gaurav Khandelwal  
 [Authorized Signatory]

  
 Vikrant  
 22-11-2021  
 Reviewer

  
 22-11-2021  
 PremKumar  
 [Authorized Signatory]

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 Panchkula-134109 (Haryana)  
 Phone : (O) 0172-2561543, 2565825  
 Email : customersupport@itclabs.com  
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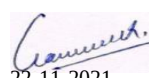
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2111130530<br><b>Sample Reg. Date</b> :13-11-2021<br><b>Report Date</b> :22-11-2021<br><b>Report No.</b> :ICE-2111220933<br><b>NABL ULR No.</b> :TC592621000013896F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
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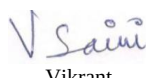
|    |                              |                                           |
|----|------------------------------|-------------------------------------------|
| s) | Test Request Submitted By    | Jhajjar Power Limited-Jhajjar ( Haryana ) |
| t) | Manufactured By <sup>#</sup> | NA                                        |
| u) | Supplied By <sup>#</sup>     | NA                                        |

### PART B : SUPPLEMENTARY INFORMATIONS

|    |                                                                                                                                                              |       |
|----|--------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| a. | Reference to sampling procedure, whenever applicable                                                                                                         | : N/A |
| b. | Supporting documents for the measurement taken and results derived like graphs, tables, sketches and / or photographs as appropriate to test reports, if any | : N/A |
| c. | Deviation from the test methods as prescribed in relevant ISS/WORK Instruments, if any                                                                       | : N/A |

| Description                                |                                      |                   |               |               |
|--------------------------------------------|--------------------------------------|-------------------|---------------|---------------|
| Description                                |                                      | Colourless Liquid |               |               |
| S.No.                                      | Parameters                           | Method            | Specification | Result        |
| <b>Discipline : Chemical</b>               |                                      |                   |               |               |
| <b>Group : Pollution &amp; Environment</b> |                                      |                   |               |               |
| <b>1. General Parameters</b>               |                                      |                   |               |               |
| a.                                         | Nitrate as NO <sub>3</sub> (mg/l)    | IS 3025 (Part 34) | Max. 10       | BLQ (LOQ:1.0) |
| b.                                         | Calcium(as Ca)(mg/l)                 | IS:3025(P-40)     | Not Specified | 96            |
| c.                                         | Magnesium as Mg(mg/l)                | IS: 3025 (P-46)   | Not Specified | 28            |
| d.                                         | Sodium(as Na)(mg/l)                  | IS:3025(P-45)     | Not Specified | 80.7          |
| e.                                         | Potassium as K,(mg/l)                | IS:3025(P-45)     | Not Specified | 3.1           |
| f.                                         | Phosphate(as PO <sub>4</sub> ), mg/L | APHA-23rd Edition | Max. 5.0      | 0.32          |
| <b>Discipline : Biological</b>             |                                      |                   |               |               |
| <b>Group : Pollution &amp; Environment</b> |                                      |                   |               |               |

  
22-11-2021  
Gaurav Khandelwal  
[Authorized Signatory]

  
Vikrant  
22-11-2021  
Reviewer

  
22-11-2021  
PremKumar  
[Authorized Signatory]

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

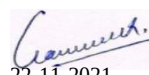
| 1. | Microbiological Tests       |                          |               |     |
|----|-----------------------------|--------------------------|---------------|-----|
| a. | Faecal Coliform, MPN/100ml  | APHA-23 rd Edn 17-9221 F | Max. 1000     | 240 |
| b. | <i>E.coli</i> , (MPN/100ml) | APHA 23rd Edn 17-9221 E  | Not Specified | 130 |
| c. | Total Coliform (MPN/100ml)  | APHA-23 rd Edn 17-9221 F | Not Specified | 540 |

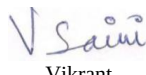
'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per EPA Act 1986/PCLS/2010, G.S.R 1265(E) Dated 13.10.2017. Sampling Procedure: SOP/ITC/EW/030

**REMARKS :** N/A

**\*\*\*\*\*End Of Report\*\*\*\*\***

  
22-11-2021  
Gaurav Khandelwal  
[Authorized Signatory]

  
Vikrant  
22-11-2021  
Reviewer

  
22-11-2021  
Prem Kumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
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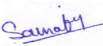
Page 1 of 3

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2111130523<br><b>Sample Reg. Date</b> :13-11-2021<br><b>Report Date</b> :18-11-2021<br><b>Report No.</b> :ICE-2111180718<br><b>NABL ULR No.</b> :TC592621000013687F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                  |                               |
|----------------------------------|-------------------------------|
| <b>Test Report as per IS:</b> NA | <b>With Amendment No.(s):</b> |
|----------------------------------|-------------------------------|

### PART A : PARTICULARS OF SAMPLE SUBMITTED

|    |                                            |                                                                                    |
|----|--------------------------------------------|------------------------------------------------------------------------------------|
| a) | Nature of Sample <sup>#</sup>              | STP Inlet Water (Township)                                                         |
| b) | Sample Condition                           | Good                                                                               |
| c) | Grade / Variety / Type / Class / Size etc. | NA                                                                                 |
| d) | Brand Name                                 | NA                                                                                 |
| e) | Declared Values,if any                     | NA                                                                                 |
| f) | Code No.                                   |  |
| g) | Batch Number <sup>#</sup>                  | NA                                                                                 |
| h) | D.O.M <sup>#</sup>                         | NA                                                                                 |
| i) | Date of Expiry <sup>#</sup>                | NA                                                                                 |
| j) | Sample Quantity <sup>#</sup>               | 2 Ltr                                                                              |
| k) | Batch Size/Location <sup>#</sup>           | NA                                                                                 |
| l) | Mode of Packing                            | Packed in bottles                                                                  |
| m) | Date of Receipt                            | 13-11-2021                                                                         |
| n) | Date of Start                              | 13-11-2021                                                                         |
| o) | Date of Completion                         | 18-11-2021                                                                         |
| p) | Seal (Intact/Not Intact/Unsealed)          | NA                                                                                 |
| q) | IO'S Signature (Signed/Unsigned)           | Unsigned                                                                           |
| r) | Any Other Information                      | Sample collected by lab rep. on 11.11.2021                                         |
| s) | Test Request Submitted By                  | Jhajjar Power Limited-Jhajjar ( Haryana )                                          |
| t) | Manufactured By <sup>#</sup>               | NA                                                                                 |

  
Saurabh Sharma  
18-11-2021  
Reviewer

  
18-11-2021  
PremKumar  
[Authorized Signatory]

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## Test Report

Document QF : 2501

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2111130523<br><b>Sample Reg. Date</b> :13-11-2021<br><b>Report Date</b> :18-11-2021<br><b>Report No.</b> :ICE-2111180718<br><b>NABL ULR No.</b> :TC592621000013687F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                  |    |
|------------------|----|
| u) Supplied By # | NA |
|------------------|----|

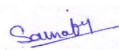
### PART B : SUPPLEMENTARY INFORMATIONS

|                                                                                                                                                                 |       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| a. Reference to sampling procedure, whenever applicable                                                                                                         | : N/A |
| b. Supporting documents for the measurement taken and results derived like graphs, tables, sketches and / or photographs as appropriate to test reports, if any | : N/A |
| c. Deviation from the test methods as prescribed in relevant ISS/WORK Instruments, if any                                                                       | : N/A |

### Description

|             |                            |
|-------------|----------------------------|
| Description | STP Inlet Water (Township) |
|-------------|----------------------------|

| S.No.     | Parameters                                        | Method                               | Specification | Result  |
|-----------|---------------------------------------------------|--------------------------------------|---------------|---------|
|           | <b>Discipline : Chemical</b>                      |                                      |               |         |
|           | <b>Group : Pollution &amp; Environment</b>        |                                      |               |         |
| <b>1.</b> | <b>General Parameters</b>                         |                                      |               |         |
| a.        | Colour                                            | IS:3025(Part4):1983(RA:2017)amd. no1 |               | Greyish |
| b.        | Odour                                             | IS:3025(Part 5):1983(RA:2017)        |               | Musty   |
| c.        | pH Value                                          | IS:3025 (Part - 11):1983(RA:2017)    |               | 7.18    |
| d.        | Total Suspended Solids,(mg/l)                     | IS:3025(Part 17)                     |               | 92      |
| e.        | Total Dissolved Solids (mg/l)                     | IS:3025(Part 16):1984(RA.2006)       | -             | 438     |
| f.        | Chemical Oxygen Demand(mg/l)                      | APHA-23rd Edition                    |               | 149     |
| g.        | Bio-chemical Oxygen Demand, mg/l (3 days at 27°C) | IS:3025(P-44)                        |               | 44      |
| h.        | Oil & Grease(mg/l)                                | IS:3025(P-39)                        |               | 6.2     |

  
 Saurabh Sharma  
 18-11-2021  
 Reviewer

  
 18-11-2021  
 PremKumar  
 [Authorized Signatory]

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## Test Report

Document QF : 2501

Page 3 of 3

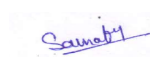
|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2111130523<br><b>Sample Reg. Date</b> :13-11-2021<br><b>Report Date</b> :18-11-2021<br><b>Report No.</b> :ICE-2111180718<br><b>NABL ULR No.</b> :TC592621000013687F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
| i. Free Residual Chlorine (mg/l)                                                                            | IS:3025(Part 26):1986(RA:2014)amd no 1<br>BLQ(LOQ:0.03)                                                                                                                                                                                                                             |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Sampling Procedure - SOP/ITC/EW/030, Purpose - For Self monitoring

**REMARKS :**N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
18-11-2021  
Reviewer

  
18-11-2021  
PremKumar  
[Authorized Signatory]

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## Test Report

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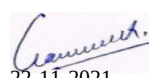
Page 1 of 3

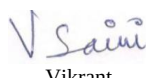
|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2111130524<br><b>Sample Reg. Date</b> :13-11-2021<br><b>Report Date</b> :22-11-2021<br><b>Report No.</b> :ICE-2111220929<br><b>NABL ULR No.</b> :TC592621000013895F<br><b>Customer Ref. No.:</b> Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                 |                               |
|---------------------------------|-------------------------------|
| <b>Test Report as per IS:NA</b> | <b>With Amendment No.(s):</b> |
|---------------------------------|-------------------------------|

### PART A : PARTICULARS OF SAMPLE SUBMITTED

|    |                                            |                                                                                    |
|----|--------------------------------------------|------------------------------------------------------------------------------------|
| a) | Nature of Sample <sup>#</sup>              | STP Inlet Water (Township).                                                        |
| b) | Sample Condition                           | Good                                                                               |
| c) | Grade / Variety / Type / Class / Size etc. | NA                                                                                 |
| d) | Brand Name                                 | NA                                                                                 |
| e) | Declared Values,if any                     | NA                                                                                 |
| f) | Code No.                                   |  |
| g) | Batch Number <sup>#</sup>                  | NA                                                                                 |
| h) | D.O.M <sup>#</sup>                         | NA                                                                                 |
| i) | Date of Expiry <sup>#</sup>                | NA                                                                                 |
| j) | Sample Quantity <sup>#</sup>               | 1 Ltr                                                                              |
| k) | Batch Size/Location <sup>#</sup>           | NA                                                                                 |
| l) | Mode of Packing                            | Packed in bottle                                                                   |
| m) | Date of Receipt                            | 13-11-2021                                                                         |
| n) | Date of Start                              | 13-11-2021                                                                         |
| o) | Date of Completion                         | 22-11-2021                                                                         |
| p) | Seal (Intact/Not Intact/Unsealed)          | NA                                                                                 |
| q) | IO'S Signature (Signed/Unsigned)           | Unsigned                                                                           |
| r) | Any Other Information                      | Sample Collected by lab rep. on dated 11.11.2021                                   |
| s) | Test Request Submitted By                  | Jhajjar Power Limited-Jhajjar ( Haryana )                                          |
| t) | Manufactured By <sup>#</sup>               | NA                                                                                 |

  
22-11-2021  
**Gaurav Khandelwal**  
[Authorized Signatory]

  
Vikrant  
22-11-2021  
**Reviewer**

  
22-11-2021  
**PremKumar**  
[Authorized Signatory]

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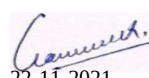
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|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2111130524<br><b>Sample Reg. Date</b> :13-11-2021<br><b>Report Date</b> :22-11-2021<br><b>Report No.</b> :ICE-2111220929<br><b>NABL ULR No.</b> :TC592621000013895F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

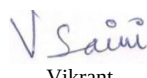
|                  |    |
|------------------|----|
| u) Supplied By # | NA |
|------------------|----|

### PART B : SUPPLEMENTARY INFORMATIONS

|                                                                                                                                                                 |       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| a. Reference to sampling procedure, whenever applicable                                                                                                         | : N/A |
| b. Supporting documents for the measurement taken and results derived like graphs, tables, sketches and / or photographs as appropriate to test reports, if any | : N/A |
| c. Deviation from the test methods as prescribed in relevant ISS/WORK Instruments, if any                                                                       | : N/A |

| Description                                |                                     |                                                     |               |                     |
|--------------------------------------------|-------------------------------------|-----------------------------------------------------|---------------|---------------------|
| Description                                |                                     | TURBID liquid With suspended & Settleable particles |               |                     |
| S.No.                                      | Parameters                          | Method                                              | Specification | Result              |
| <b>Discipline : Chemical</b>               |                                     |                                                     |               |                     |
| <b>Group : Pollution &amp; Environment</b> |                                     |                                                     |               |                     |
| <b>1.</b>                                  | <b>General Parameters</b>           |                                                     |               |                     |
| a.                                         | Nitrate as NO <sub>3</sub> (mg/l)   | IS:3025(P-34)                                       |               | 1.2                 |
| b.                                         | Calcium(as Ca)(mg/l)                | IS:3025(P-40)                                       | -             | 78                  |
| c.                                         | Magnesium as Mg(mg/l)               | IS:3025(Part-46)                                    | -             | 29                  |
| d.                                         | Sodium(as Na)(mg/l)                 | IS:3025(P-45)                                       | -             | 96.2                |
| e.                                         | Potassium as K,(mg/l)               | IS:3025(P-45)                                       |               | 8.8                 |
| f.                                         | Phosphate as PO <sub>4</sub> (mg/l) | APHA-23rd Edition                                   |               | 0.72                |
| <b>Discipline : Biological</b>             |                                     |                                                     |               |                     |
| <b>Group : Pollution &amp; Environment</b> |                                     |                                                     |               |                     |
| <b>1.</b>                                  | <b>Microbiological Tests</b>        |                                                     |               |                     |
| a.                                         | Faecal Coliforms, (MPN/100ml)       | APHA-23 rd Edn 17-9221 F                            |               | 2.7x10 <sup>4</sup> |
| b.                                         | E.coli, (MPN/100ml)                 | APHA-23 rd Edn 17-9221 F                            |               | 1.4x10 <sup>4</sup> |

  
 22-11-2021  
 Gaurav Khandelwal  
 [Authorized Signatory]

  
 Vikrant  
 22-11-2021  
 Reviewer

  
 22-11-2021  
 PremKumar  
 [Authorized Signatory]

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## Test Report

Document QF : 2501

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2111130524<br><b>Sample Reg. Date</b> :13-11-2021<br><b>Report Date</b> :22-11-2021<br><b>Report No.</b> :ICE-2111220929<br><b>NABL ULR No.</b> :TC592621000013895F<br><b>Customer Ref. No.:</b> Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

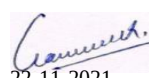
|    |                            |                          |                      |
|----|----------------------------|--------------------------|----------------------|
| c. | Total Coliform (MPN/100ml) | APHA-23 rd Edn 17-9221 F | 1.2 x10 <sup>5</sup> |
|----|----------------------------|--------------------------|----------------------|

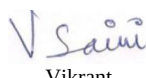
'#' represents Customer Defined Fields

**NOTE** : NA- Not Applicable, Sampling Procedure: SOP/ITC/EW/030

**REMARKS** :N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
22-11-2021  
Gaurav Khandelwal  
[Authorized Signatory]

  
Vikrant  
22-11-2021  
Reviewer

  
22-11-2021  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
Panchkula-134109 (Haryana)  
Phone : (O) 0172-2561543, 2565825  
Email : customersupport@itclabs.com  
Visit us :www.itclabs.com

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## Test Report

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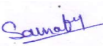
Page 1 of 3

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2111130525<br><b>Sample Reg. Date</b> :13-11-2021<br><b>Report Date</b> :18-11-2021<br><b>Report No.</b> :ICE-2111180719<br><b>NABL ULR No.</b> :TC592621000013681F<br><b>Customer Ref. No.:</b> Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                      |                               |
|------------------------------------------------------|-------------------------------|
| <b>Test Report as per IS:</b> EPA Act 1986/PCLS/2010 | <b>With Amendment No.(s):</b> |
|------------------------------------------------------|-------------------------------|

### PART A : PARTICULARS OF SAMPLE SUBMITTED

|    |                                            |                                                                                    |
|----|--------------------------------------------|------------------------------------------------------------------------------------|
| a) | Nature of Sample <sup>#</sup>              | STP Outlet Water (Township)                                                        |
| b) | Sample Condition                           | Good                                                                               |
| c) | Grade / Variety / Type / Class / Size etc. | NA                                                                                 |
| d) | Brand Name                                 | NA                                                                                 |
| e) | Declared Values,if any                     | NA                                                                                 |
| f) | Code No.                                   |  |
| g) | Batch Number <sup>#</sup>                  | NA                                                                                 |
| h) | D.O.M <sup>#</sup>                         | NA                                                                                 |
| i) | Date of Expiry <sup>#</sup>                | NA                                                                                 |
| j) | Sample Quantity <sup>#</sup>               | 2 Ltr                                                                              |
| k) | Batch Size/Location <sup>#</sup>           | NA                                                                                 |
| l) | Mode of Packing                            | Packed in bottles                                                                  |
| m) | Date of Receipt                            | 13-11-2021                                                                         |
| n) | Date of Start                              | 13-11-2021                                                                         |
| o) | Date of Completion                         | 18-11-2021                                                                         |
| p) | Seal (Intact/Not Intact/Unsealed)          | NA                                                                                 |
| q) | IO'S Signature (Signed/Unsigned)           | Unsigned                                                                           |
| r) | Any Other Information                      | Sample collected by lab rep. on 11.11.2021                                         |
| s) | Test Request Submitted By                  | Jhajjar Power Limited-Jhajjar ( Haryana )                                          |
| t) | Manufactured By <sup>#</sup>               | NA                                                                                 |

  
Saurabh Sharma  
18-11-2021  
Reviewer

  
18-11-2021  
PremKumar  
[Authorized Signatory]

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## Test Report

Document QF : 2501

Page 2 of 3

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2111130525<br><b>Sample Reg. Date</b> :13-11-2021<br><b>Report Date</b> :18-11-2021<br><b>Report No.</b> :ICE-2111180719<br><b>NABL ULR No.</b> :TC592621000013681F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                  |    |
|------------------|----|
| u) Supplied By # | NA |
|------------------|----|

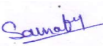
### PART B : SUPPLEMENTARY INFORMATIONS

|                                                                                                                                                                 |       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| a. Reference to sampling procedure, whenever applicable                                                                                                         | : N/A |
| b. Supporting documents for the measurement taken and results derived like graphs, tables, sketches and / or photographs as appropriate to test reports, if any | : N/A |
| c. Deviation from the test methods as prescribed in relevant ISS/WORK Instruments, if any                                                                       | : N/A |

### Description

|             |                             |
|-------------|-----------------------------|
| Description | STP Outlet Water (Township) |
|-------------|-----------------------------|

| S.No. | Parameters                                        | Method                               | Specification | Result        |
|-------|---------------------------------------------------|--------------------------------------|---------------|---------------|
|       | <b>Discipline : Chemical</b>                      |                                      |               |               |
|       | <b>Group : Pollution &amp; Environment</b>        |                                      |               |               |
| 1.    | <b>General Parameters</b>                         |                                      |               |               |
| a.    | Colour                                            | IS:3025(Part4):1983(RA:2017)amd. no1 | Not Specified | Light Greyish |
| b.    | Odour                                             | IS:3025(Part 5):1983(RA:2017)        | Not Specified | None          |
| c.    | pH Value                                          | IS:3025 (Part - 11):1983(RA:2017)    | 6.5-9         | 7.08          |
| d.    | Total Suspended Solids,(mg/l)                     | IS:3025(Part 17)                     | Max. 100      | 24            |
| e.    | Total Dissolved Solids (mg/l)                     | IS:3025(Part 16):1984(RA.2006)       | Not Specified | 420           |
| f.    | Chemical Oxygen Demand(mg/l)                      | APHA-23rd Edition                    | Not Specified | 40            |
| g.    | Bio-chemical Oxygen Demand, mg/l (3 days at 27°C) | IS:3025(P-44)                        | Max. 30       | 12            |
| h.    | Oil & Grease(mg/l)                                | IS:3025(P-39)                        | Max. 10       | 0.6           |
| i.    | Free Residual Chlorine (mg/l)                     | IS:3025(P-26)                        | Max. 1.0      | BLQ(LOQ:0.03) |

  
 Saurabh Sharma  
 18-11-2021  
 Reviewer

  
 18-11-2021  
 PremKumar  
 [Authorized Signatory]

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## Test Report

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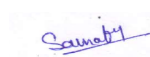
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|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2111130525<br><b>Sample Reg. Date</b> :13-11-2021<br><b>Report Date</b> :18-11-2021<br><b>Report No.</b> :ICE-2111180719<br><b>NABL ULR No.</b> :TC592621000013681F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per EPA-1986, PCLS/02/2010, Sampling Procedure - SOP/ITC/EW/030, Purpose - For Self monitoring

**REMARKS :** N/A

\*\*\*\*\*End Of Report\*\*\*\*\*



Saurabh Sharma  
18-11-2021  
Reviewer



18-11-2021  
Prem Kumar  
[Authorized Signatory]

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## Test Report

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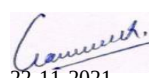
Page 1 of 3

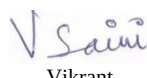
|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2111130526<br><b>Sample Reg. Date</b> :13-11-2021<br><b>Report Date</b> :22-11-2021<br><b>Report No.</b> :ICE-2111220932<br><b>NABL ULR No.</b> :TC592621000013897F<br><b>Customer Ref. No.:</b> Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
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|                                                      |                               |
|------------------------------------------------------|-------------------------------|
| <b>Test Report as per IS:</b> EPA Act 1986/PCLS/2010 | <b>With Amendment No.(s):</b> |
|------------------------------------------------------|-------------------------------|

### PART A : PARTICULARS OF SAMPLE SUBMITTED

|    |                                            |                                                                                    |
|----|--------------------------------------------|------------------------------------------------------------------------------------|
| a) | Nature of Sample <sup>#</sup>              | STP Outlet Water (Township).                                                       |
| b) | Sample Condition                           | Good                                                                               |
| c) | Grade / Variety / Type / Class / Size etc. | NA                                                                                 |
| d) | Brand Name                                 | NA                                                                                 |
| e) | Declared Values,if any                     | NA                                                                                 |
| f) | Code No.                                   |  |
| g) | Batch Number <sup>#</sup>                  | NA                                                                                 |
| h) | D.O.M <sup>#</sup>                         | NA                                                                                 |
| i) | Date of Expiry <sup>#</sup>                | NA                                                                                 |
| j) | Sample Quantity <sup>#</sup>               | 1 Ltr                                                                              |
| k) | Batch Size/Location <sup>#</sup>           | NA                                                                                 |
| l) | Mode of Packing                            | Packed in bottle                                                                   |
| m) | Date of Receipt                            | 13-11-2021                                                                         |
| n) | Date of Start                              | 13-11-2021                                                                         |
| o) | Date of Completion                         | 22-11-2021                                                                         |
| p) | Seal (Intact/Not Intact/Unsealed)          | NA                                                                                 |
| q) | IO'S Signature (Signed/Unsigned)           | Unsigned                                                                           |
| r) | Any Other Information                      | Sample Collected by lab rep. on dated 11.11.2021                                   |
| s) | Test Request Submitted By                  | Jhajjar Power Limited-Jhajjar ( Haryana )                                          |
| t) | Manufactured By <sup>#</sup>               | NA                                                                                 |

  
22-11-2021  
**Gaurav Khandelwal**  
[Authorized Signatory]

  
Vikrant  
22-11-2021  
**Reviewer**

  
22-11-2021  
**PremKumar**  
[Authorized Signatory]

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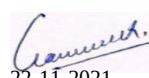
|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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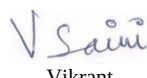
|                  |    |
|------------------|----|
| u) Supplied By # | NA |
|------------------|----|

### PART B : SUPPLEMENTARY INFORMATIONS

|                                                                                                                                                                 |       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| a. Reference to sampling procedure, whenever applicable                                                                                                         | : N/A |
| b. Supporting documents for the measurement taken and results derived like graphs, tables, sketches and / or photographs as appropriate to test reports, if any | : N/A |
| c. Deviation from the test methods as prescribed in relevant ISS/WORK Instruments, if any                                                                       | : N/A |

| Description |                                            |                          |               |               |
|-------------|--------------------------------------------|--------------------------|---------------|---------------|
| Description | Colourless Liquid                          |                          |               |               |
| S.No.       | Parameters                                 | Method                   | Specification | Result        |
|             | <b>Discipline : Chemical</b>               |                          |               |               |
|             | <b>Group : Pollution &amp; Environment</b> |                          |               |               |
| <b>1.</b>   | <b>General Parameters</b>                  |                          |               |               |
| a.          | Nitrate as NO <sub>3</sub> (mg/l)          | IS 3025 (Part 34)        | Max. 10       | BLQ (LOQ:1.0) |
| b.          | Calcium(as Ca)(mg/l)                       | IS:3025(P-40)            | Not Specified | 58            |
| c.          | Magnesium as Mg(mg/l)                      | IS: 3025 (P-46)          | Not Specified | 22            |
| d.          | Sodium(as Na)(mg/l)                        | IS:3025(P-45)            | Not Specified | 31            |
| e.          | Potassium as K,(mg/l)                      | IS:3025(P-45)            | Not Specified | 4.8           |
| f.          | Phosphate(as PO <sub>4</sub> ), mg/L       | APHA-23rd Edition        | Max. 5.0      | 0.32          |
|             | <b>Discipline : Biological</b>             |                          |               |               |
|             | <b>Group : Pollution &amp; Environment</b> |                          |               |               |
| <b>1.</b>   | <b>Microbiological Tests</b>               |                          |               |               |
| a.          | Faecal Coliform, MPN/100ml                 | APHA-23 rd Edn 17-9221 F | Max. 1000     | 130           |
| b.          | E.coli, (MPN/100ml)                        | APHA 23rd Edn 17-9221 E  | Not Specified | 79            |

  
 22-11-2021  
 Gaurav Khandelwal  
 [Authorized Signatory]

  
 Vikrant  
 22-11-2021  
 Reviewer

  
 22-11-2021  
 PremKumar  
 [Authorized Signatory]

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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2111130526<br><b>Sample Reg. Date</b> :13-11-2021<br><b>Report Date</b> :22-11-2021<br><b>Report No.</b> :ICE-2111220932<br><b>NABL ULR No.</b> :TC592621000013897F<br><b>Customer Ref. No.:</b> Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
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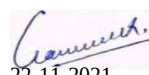
|    |                            |                          |               |     |
|----|----------------------------|--------------------------|---------------|-----|
| c. | Total Coliform (MPN/100ml) | APHA-23 rd Edn 17-9221 F | Not Specified | 240 |
|----|----------------------------|--------------------------|---------------|-----|

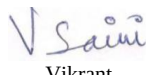
'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per EPA Act 1986/PCLS/2010, G.S.R 1265(E) Dated 13.10.2017. Sampling Procedure: SOP/ITC/EW/030

**REMARKS :**N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
22-11-2021  
Gaurav Khandelwal  
[Authorized Signatory]

  
Vikrant  
22-11-2021  
Reviewer

  
22-11-2021  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
Panchkula-134109 (Haryana)  
Phone : (O) 0172-2561543, 2565825  
Email : customersupport@itclabs.com  
Visit us :www.itclabs.com

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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2111170753<br><b>Sample Reg. Date</b> :17-11-2021<br><b>Report Date</b> :19-11-2021<br><b>Report No.</b> :ICE-2111190802<br><b>NABL ULR No.</b> :TC592621000013758F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                                                                                                           |                                                                                                    |
|-------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|
| <b>Test Report as per :</b>                                                                                                               | : EPA Act 1986/PCLS/2010                                                                           |
| <b>General Information :</b><br>Name of Sample<br>Date of Monitoring<br>Time of Monitoring<br>Nature of Industry<br>Purpose of Monitoring | : Ambient Noise<br>: 12-11-2021<br>: Day & Night<br>: Thermal Power Plant<br>: For Self Monitoring |

| Description                          |                                         |                            |               |        |
|--------------------------------------|-----------------------------------------|----------------------------|---------------|--------|
| Description                          | Noise Monitoring                        |                            |               |        |
| S.No.                                | Parameters                              | Method                     | Specification | Result |
| <b>Discipline : Chemical</b>         |                                         |                            |               |        |
| <b>Group : Atmospheric Pollution</b> |                                         |                            |               |        |
| <b>1.</b>                            | <b>Location Name</b>                    |                            |               |        |
| a.                                   | Near Gate No.1 (Day Time), Leq dB (A)   | IS: 9989 (Reaffirmed 2014) | Max. 75.0     | 55.8   |
| b.                                   | Near Gate No.1 (Night Time), Leq dB (A) | IS: 9989 (Reaffirmed 2014) | Max. 70.0     | 50.3   |
| c.                                   | Near Gate No.2 (Day Time), Leq dB (A)   | IS: 9989 (Reaffirmed 2014) | Max. 75.0     | 59.2   |
| d.                                   | Near Gate No.2 (Night Time), Leq dB (A) | IS: 9989 (Reaffirmed 2014) | Max. 70.0     | 49.1   |
| e.                                   | Near Gate No.3 (Day Time), Leq dB (A)   | IS: 9989 (Reaffirmed 2014) | Max. 75.0     | 52.6   |
| f.                                   | Near Gate No.3 (Night Time), Leq dB (A) | IS: 9989 (Reaffirmed 2014) | Max. 70.0     | 51.6   |
| g.                                   | Near Guest House (Day Time), Leq dB (A) | IS: 9989 (Reaffirmed 2014) | Max. 75.0     | 51.3   |

Saurabh Sharma  
19-11-2021  
Reviewer

20-11-2021  
PremKumar  
[Authorized Signatory]

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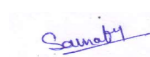
|    |                                           |                            |           |      |
|----|-------------------------------------------|----------------------------|-----------|------|
| h. | Near Guest House (Night Time), Leq dB (A) | IS: 9989 (Reaffirmed 2014) | Max. 70.0 | 50.9 |
| i. | Near D Block (Day Time), Leq dB (A)       | IS: 9989 (Reaffirmed 2014) | Max. 75.0 | 51.6 |
| j. | Near D Block (Night Time), Leq dB (A)     | IS: 9989 (Reaffirmed 2014) | Max. 70.0 | 49.4 |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, Requirements as per EPA Act 1986/PCLS/2010, Sampling Procedure : SOP/ITC/EW/056. Day Time - 06 :00 Hrs To 22 :00 Hrs, Night Time - 22 :00 Hrs To 06 :00 Hrs

**REMARKS :**N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
19-11-2021  
Reviewer

  
20-11-2021  
PremKumar  
[Authorized Signatory]

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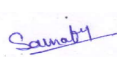
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2112060193<br><b>Sample Reg. Date</b> :06-12-2021<br><b>Report Date</b> :11-12-2021<br><b>Report No.</b> :ICE-2112110564<br><b>NABL ULR No.</b> :TC592621000015250F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                                                                                                                                                                                                                                                                |                                                                                                                    |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|
| <b>Test Report as per :</b>                                                                                                                                                                                                                                                                    | : NAAQS 2009                                                                                                       |
| <b>General Information :</b><br>Location of Sampling Point<br>Date of Monitoring<br>Time of Monitoring<br>Purpose of Monitoring<br>Duration of Monitoring, minutes<br>Avg. Flow Rate of Sampling, m <sup>3</sup> /min<br>Volume of air sampled, m <sup>3</sup><br>Avg. Ambient Temperature, °C | : Near Gate No. 3<br>: 02-12-2021<br>: 10:50 hrs<br>: For Self Monitoring<br>: 1440<br>: 1.33<br>: 1871.08<br>: 24 |

| Description                          |                                                            |                                                   |               |              |
|--------------------------------------|------------------------------------------------------------|---------------------------------------------------|---------------|--------------|
| Description                          | Ambient Air Quality Monitoring                             |                                                   |               |              |
| S.No.                                | Parameters                                                 | Method                                            | Specification | Result       |
| <b>Discipline : Chemical</b>         |                                                            |                                                   |               |              |
| <b>Group : Atmospheric Pollution</b> |                                                            |                                                   |               |              |
| 1.                                   | <b>Ambient Air Quality Parameters</b>                      |                                                   |               |              |
| a.                                   | Sulphur Dioxide(SO <sub>2</sub> ), µg/m <sup>3</sup>       | IS:5182(P-2)                                      | 80 Max        | 18.84        |
| b.                                   | Nitrogen Dioxide(NO <sub>2</sub> ), µg/m <sup>3</sup>      | IS:5182(P-6)                                      | 80 Max        | 35.31        |
| c.                                   | Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>  | IS:5182(P-23)                                     | 100 Max       | 106.20       |
| d.                                   | Particulate matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup> | STP/ITC/EW-01                                     | 60 Max        | 52.19        |
| e.                                   | Ozone(O <sub>3</sub> ), µg/m <sup>3</sup>                  | IS:5182(P-9)                                      | 180 Max       | 16.24        |
| f.                                   | Lead(As Pb), µg/m <sup>3</sup>                             | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max       | BLQ(LOQ:0.1) |
| g.                                   | Carbon Monoxide(CO), mg/m <sup>3</sup>                     | IS:5182(P-10)                                     | 4 Max         | 1.3          |

  
Saurabh Sharma  
11-12-2021  
Reviewer

  
11-12-2021  
Prem Kumar  
[Authorized Signatory]

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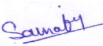
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | 24.11         |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ (LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per NAAQS 2009, Sampling Procedure - SOP/ITC/EW/056

**REMARKS :** N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
11-12-2021  
Reviewer

  
11-12-2021  
PremKumar  
[Authorized Signatory]

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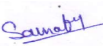
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2112060192<br><b>Sample Reg. Date</b> :06-12-2021<br><b>Report Date</b> :11-12-2021<br><b>Report No.</b> :ICE-2112110543<br><b>NABL ULR No.</b> :TC592621000014807F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                                                                                                                                                                                                                                                                |                                                                                                                     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| <b>Test Report as per :</b>                                                                                                                                                                                                                                                                    | : NAAQS 2009                                                                                                        |
| <b>General Information :</b><br>Location of Sampling Point<br>Date of Monitoring<br>Time of Monitoring<br>Purpose of Monitoring<br>Duration of Monitoring, minutes<br>Avg. Flow Rate of Sampling, m <sup>3</sup> /min<br>Volume of air sampled, m <sup>3</sup><br>Avg. Ambient Temperature, °C | : Near Guest House<br>: 02-12-2021<br>: 11:05 hrs<br>: For Self Monitoring<br>: 1440<br>: 1.33<br>: 1864.80<br>: 25 |

| Description                          |                                                            |                                                   |               |               |
|--------------------------------------|------------------------------------------------------------|---------------------------------------------------|---------------|---------------|
| Description                          |                                                            | Ambient Air Quality Monitoring                    |               |               |
| S.No.                                | Parameters                                                 | Method                                            | Specification | Result        |
| <b>Discipline : Chemical</b>         |                                                            |                                                   |               |               |
| <b>Group : Atmospheric Pollution</b> |                                                            |                                                   |               |               |
| <b>1.</b>                            | <b>Ambient Air Quality Parameters</b>                      |                                                   |               |               |
| a.                                   | Sulphur Dioxide(SO <sub>2</sub> ), µg/m <sup>3</sup>       | IS:5182(P-2)                                      | 80 Max        | 13.42         |
| b.                                   | Nitrogen Dioxide(NO <sub>2</sub> ), µg/m <sup>3</sup>      | IS:5182(P-6)                                      | 80 Max        | 20.42         |
| c.                                   | Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>  | IS:5182(P-23)                                     | 100 Max       | 90.14         |
| d.                                   | Particulate matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup> | STP/ITC/EW-01                                     | 60 Max        | 47.98         |
| e.                                   | Ozone(O <sub>3</sub> ), µg/m <sup>3</sup>                  | IS:5182(P-9)                                      | 180 Max       | BLQ (LOQ:1.0) |
| f.                                   | Lead(As Pb), µg/m <sup>3</sup>                             | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max       | BLQ(LOQ:0.1)  |
| g.                                   | Carbon Monoxide(CO), mg/m <sup>3</sup>                     | IS:5182(P-10)                                     | 4 Max         | 15.20         |

  
 Saurabh Sharma  
 11-12-2021  
 Reviewer

  
 11-12-2021  
 PremKumar  
 [Authorized Signatory]

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## Test Report

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2112060192<br><b>Sample Reg. Date</b> :06-12-2021<br><b>Report Date</b> :11-12-2021<br><b>Report No.</b> :ICE-2112110543<br><b>NABL ULR No.</b> :TC592621000014807F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

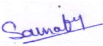
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | 17.21         |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ (LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per NAAQS 2009, Sampling Procedure - SOP/ITC/EW/056

**REMARKS :** N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
11-12-2021  
Reviewer

  
11-12-2021  
PremKumar  
[Authorized Signatory]

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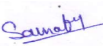
## Test Report

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Page 1 of 2

|                                                     |                                               |
|-----------------------------------------------------|-----------------------------------------------|
| <b>Issued To</b>                                    | <b>Sample Reg. No.</b> :E01-2112060194        |
| Jhajjar Power Limited                               | <b>Sample Reg. Date</b> :06-12-2021           |
| Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar | <b>Report Date</b> :11-12-2021                |
| Jhajjar                                             | <b>Report No.</b> :ICE-2112110544             |
|                                                     | <b>NABL ULR No.</b> :TC592621000014799F       |
|                                                     | <b>Customer Ref. No.</b> :Order No.5030010814 |
|                                                     | <b>Letter Dated</b> :29.10.2020               |

|                                                 |                       |
|-------------------------------------------------|-----------------------|
| <b>Test Report as per :</b>                     | : NAAQS 2009          |
| <b>General Information :</b>                    |                       |
| Location of Sampling Point                      | : Village - Khanpur   |
| Date of Monitoring                              | : 02-12-2021          |
| Time of Monitoring                              | : 10:40 hrs           |
| Purpose of Monitoring                           | : For Self Monitoring |
| Duration of Monitoring, minutes                 | : 1440                |
| Avg. Flow Rate of Sampling, m <sup>3</sup> /min | : 1.32                |
| Volume of air sampled, m <sup>3</sup>           | : 1863.28             |
| Avg. Ambient Temperature, °C                    | : 23                  |

| Description |                                                            |                                                   |               |              |
|-------------|------------------------------------------------------------|---------------------------------------------------|---------------|--------------|
| Description |                                                            | Ambient Air Quality Monitoring                    |               |              |
| S.No.       | Parameters                                                 | Method                                            | Specification | Result       |
|             | <b>Discipline : Chemical</b>                               |                                                   |               |              |
|             | <b>Group : Atmospheric Pollution</b>                       |                                                   |               |              |
| <b>1.</b>   | <b>Ambient Air Quality Parameters</b>                      |                                                   |               |              |
| a.          | Sulphur Dioxide(SO <sub>2</sub> ), µg/m <sup>3</sup>       | IS:5182(P-2)                                      | 80 Max        | 23.02        |
| b.          | Nitrogen Dioxide(NO <sub>2</sub> ), µg/m <sup>3</sup>      | IS:5182(P-6)                                      | 80 Max        | 32.21        |
| c.          | Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>  | IS:5182(P-23)                                     | 100 Max       | 109.22       |
| d.          | Particulate matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup> | STP/ITC/EW-01                                     | 60 Max        | 55.98        |
| e.          | Ozone(O <sub>3</sub> ), µg/m <sup>3</sup>                  | IS:5182(P-9)                                      | 180 Max       | 13.20        |
| f.          | Lead(As Pb), µg/m <sup>3</sup>                             | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max       | BLQ(LOQ:0.1) |
| g.          | Carbon Monoxide(CO), mg/m <sup>3</sup>                     | IS:5182(P-10)                                     | 4 Max         | 1.2          |

  
Saurabh Sharma  
11-12-2021  
Reviewer

  
11-12-2021  
PremKumar  
[Authorized Signatory]

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2112060194<br><b>Sample Reg. Date</b> :06-12-2021<br><b>Report Date</b> :11-12-2021<br><b>Report No.</b> :ICE-2112110544<br><b>NABL ULR No.</b> :TC592621000014799F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

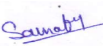
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | 20.11         |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ (LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per NAAQS 2009, Sampling Procedure - SOP/ITC/EW/056

**REMARKS :** N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
11-12-2021  
Reviewer

  
11-12-2021  
PremKumar  
[Authorized Signatory]

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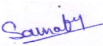
## Test Report

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|                                                     |                                               |
|-----------------------------------------------------|-----------------------------------------------|
| <b>Issued To</b>                                    | <b>Sample Reg. No.</b> :E01-2112060195        |
| Jhajjar Power Limited                               | <b>Sample Reg. Date</b> :06-12-2021           |
| Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar | <b>Report Date</b> :11-12-2021                |
| Jhajjar                                             | <b>Report No.</b> :ICE-2112110545             |
|                                                     | <b>NABL ULR No.</b> :TC592621000014821F       |
|                                                     | <b>Customer Ref. No.</b> :Order No.5030010814 |
|                                                     | <b>Letter Dated</b> :29.10.2020               |

|                                                 |                       |
|-------------------------------------------------|-----------------------|
| <b>Test Report as per :</b>                     | : NAAQS 2009          |
| <b>General Information :</b>                    |                       |
| Location of Sampling Point                      | : Near Shakti Vihar   |
| Date of Monitoring                              | : 02-12-2021          |
| Time of Monitoring                              | : 11:20 hrs           |
| Purpose of Monitoring                           | : For Self Monitoring |
| Duration of Monitoring, minutes                 | : 1440                |
| Avg. Flow Rate of Sampling, m <sup>3</sup> /min | : 1.32                |
| Volume of air sampled, m <sup>3</sup>           | : 1857.01             |
| Avg. Ambient Temperature, °C                    | : 24                  |

| Description |                                                            |                                                   |               |               |
|-------------|------------------------------------------------------------|---------------------------------------------------|---------------|---------------|
| Description |                                                            | Ambient Air Quality Monitoring                    |               |               |
| S.No.       | Parameters                                                 | Method                                            | Specification | Result        |
|             | <b>Discipline : Chemical</b>                               |                                                   |               |               |
|             | <b>Group : Atmospheric Pollution</b>                       |                                                   |               |               |
| <b>1.</b>   | <b>Ambient Air Quality Parameters</b>                      |                                                   |               |               |
| a.          | Sulphur Dioxide(SO <sub>2</sub> ), µg/m <sup>3</sup>       | IS:5182(P-2)                                      | 80 Max        | 13.37         |
| b.          | Nitrogen Dioxide(NO <sub>2</sub> ), µg/m <sup>3</sup>      | IS:5182(P-6)                                      | 80 Max        | 20.35         |
| c.          | Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>  | IS:5182(P-23)                                     | 100 Max       | 94.13         |
| d.          | Particulate matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup> | STP/ITC/EW-01                                     | 60 Max        | 52.19         |
| e.          | Ozone(O <sub>3</sub> ), µg/m <sup>3</sup>                  | IS:5182(P-9)                                      | 180 Max       | 18.23         |
| f.          | Lead(As Pb), µg/m <sup>3</sup>                             | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max       | BLQ(LOQ:0.1)  |
| g.          | Carbon Monoxide(CO), mg/m <sup>3</sup>                     | IS:5182(P-10)                                     | 4 Max         | BLQ (LOQ:1.0) |

  
Saurabh Sharma  
11-12-2021  
Reviewer

  
11-12-2021  
PremKumar  
[Authorized Signatory]

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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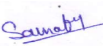
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | 21.14         |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ (LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per NAAQS 2009, Sampling Procedure - SOP/ITC/EW/056

**REMARKS :** N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
11-12-2021  
Reviewer

  
11-12-2021  
PremKumar  
[Authorized Signatory]

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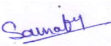
## Test Report

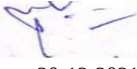
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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2112140624<br><b>Sample Reg. Date</b> :14-12-2021<br><b>Report Date</b> :20-12-2021<br><b>Report No.</b> :ICE-2112200920<br><b>NABL ULR No.</b> :TC592621000015223F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                                                                                                                                                                                                                                                                |                                                                                                                   |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|
| <b>Test Report as per :</b>                                                                                                                                                                                                                                                                    | : NAAQS 2009                                                                                                      |
| <b>General Information :</b><br>Location of Sampling Point<br>Date of Monitoring<br>Time of Monitoring<br>Purpose of Monitoring<br>Duration of Monitoring, minutes<br>Avg. Flow Rate of Sampling, m <sup>3</sup> /min<br>Volume of air sampled, m <sup>3</sup><br>Avg. Ambient Temperature, °C | : Near Gate No.3<br>: 06-12-2021<br>: 10:50 hrs<br>: For Self Monitoring<br>: 1440<br>: 1.33<br>: 1936.27<br>: 14 |

| Description                          |                                                            |                                                   |               |              |
|--------------------------------------|------------------------------------------------------------|---------------------------------------------------|---------------|--------------|
| Description                          |                                                            | Ambient Air Quality Monitoring                    |               |              |
| S.No.                                | Parameters                                                 | Method                                            | Specification | Result       |
| <b>Discipline : Chemical</b>         |                                                            |                                                   |               |              |
| <b>Group : Atmospheric Pollution</b> |                                                            |                                                   |               |              |
| <b>1.</b>                            | <b>Ambient Air Quality Parameters</b>                      |                                                   |               |              |
| a.                                   | Sulphur Dioxide(SO <sub>2</sub> ), µg/m <sup>3</sup>       | IS:5182(P-2)                                      | 80 Max        | 19.97        |
| b.                                   | Nitrogen Dioxide(NO <sub>2</sub> ), µg/m <sup>3</sup>      | IS:5182(P-6)                                      | 80 Max        | 28.92        |
| c.                                   | Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>  | IS:5182(P-23)                                     | 100 Max       | 98.23        |
| d.                                   | Particulate matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup> | STP/ITC/EW-01                                     | 60 Max        | 50.08        |
| e.                                   | Ozone(O <sub>3</sub> ), µg/m <sup>3</sup>                  | IS:5182(P-9)                                      | 180 Max       | 16.22        |
| f.                                   | Lead(As Pb), µg/m <sup>3</sup>                             | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max       | BLQ(LOQ:0.1) |
| g.                                   | Carbon Monoxide(CO), mg/m <sup>3</sup>                     | IS:5182(P-10)                                     | 4 Max         | 1.5          |

  
Saurabh Sharma  
20-12-2021  
Reviewer

  
20-12-2021  
Prem Kumar  
[Authorized Signatory]

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2112140624<br><b>Sample Reg. Date</b> :14-12-2021<br><b>Report Date</b> :20-12-2021<br><b>Report No.</b> :ICE-2112200920<br><b>NABL ULR No.</b> :TC592621000015223F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

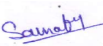
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | 23.19         |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ(LOQ: 1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per NAAQS 2009, Sampling Procedure - SOP/ITC/EW/056

**REMARKS :** N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
20-12-2021  
Reviewer

  
20-12-2021  
PremKumar  
[Authorized Signatory]

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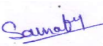
## Test Report

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Page 1 of 2

|                                                     |                                               |
|-----------------------------------------------------|-----------------------------------------------|
| <b>Issued To</b>                                    | <b>Sample Reg. No.</b> :E01-2112140623        |
| Jhajjar Power Limited                               | <b>Sample Reg. Date</b> :14-12-2021           |
| Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar | <b>Report Date</b> :20-12-2021                |
| Jhajjar                                             | <b>Report No.</b> :ICE-2112200934             |
|                                                     | <b>NABL ULR No.</b> :TC592621000015232F       |
|                                                     | <b>Customer Ref. No.</b> :Order No.5030010814 |
|                                                     | <b>Letter Dated</b> :29.10.2020               |

|                                                 |                       |
|-------------------------------------------------|-----------------------|
| <b>Test Report as per :</b>                     | : NAAQS 2009          |
| <b>General Information :</b>                    |                       |
| Location of Sampling Point                      | : Near Guest House    |
| Date of Monitoring                              | : 06-12-2021          |
| Time of Monitoring                              | : 11:00 hrs           |
| Purpose of Monitoring                           | : For Self Monitoring |
| Duration of Monitoring, minutes                 | : 1440                |
| Avg. Flow Rate of Sampling, m <sup>3</sup> /min | : 1.32                |
| Volume of air sampled, m <sup>3</sup>           | : 1921.71             |
| Avg. Ambient Temperature, °C                    | : 14                  |

| Description |                                                            |                                                   |               |                |
|-------------|------------------------------------------------------------|---------------------------------------------------|---------------|----------------|
| Description |                                                            | Ambient Air Quality Monitoring                    |               |                |
| S.No.       | Parameters                                                 | Method                                            | Specification | Result         |
|             | <b>Discipline : Chemical</b>                               |                                                   |               |                |
|             | <b>Group : Atmospheric Pollution</b>                       |                                                   |               |                |
| <b>1.</b>   | <b>Ambient Air Quality Parameters</b>                      |                                                   |               |                |
| a.          | Sulphur Dioxide(SO <sub>2</sub> ), µg/m <sup>3</sup>       | IS:5182(P-2)                                      | 80 Max        | 8.22           |
| b.          | Nitrogen Dioxide(NO <sub>2</sub> ), µg/m <sup>3</sup>      | IS:5182(P-6)                                      | 80 Max        | 12.15          |
| c.          | Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>  | IS:5182(P-23)                                     | 100 Max       | 87.21          |
| d.          | Particulate matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup> | STP/ITC/EW-01                                     | 60 Max        | 35.35          |
| e.          | Ozone(O <sub>3</sub> ), µg/m <sup>3</sup>                  | IS:5182(P-9)                                      | 180 Max       | BLQ(LOQ: 14)   |
| f.          | Lead(As Pb), µg/m <sup>3</sup>                             | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max       | BLQ(LOQ :0.10) |
| g.          | Carbon Monoxide(CO), mg/m <sup>3</sup>                     | IS:5182(P-10)                                     | 4 Max         | 1.6            |

  
Saurabh Sharma  
20-12-2021  
Reviewer

  
20-12-2021  
PremKumar  
[Authorized Signatory]

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## Test Report

Document QF : 2501  
Page 2 of 2

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2112140623<br><b>Sample Reg. Date</b> :14-12-2021<br><b>Report Date</b> :20-12-2021<br><b>Report No.</b> :ICE-2112200934<br><b>NABL ULR No.</b> :TC592621000015232F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

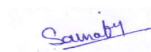
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | BLQ(LOQ: 20)  |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ(LOQ: 1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ :1.0) |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ :1.0) |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per NAAQS 2009, Sampling Procedure - SOP/ITC/EW/056

**REMARKS :** N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
20-12-2021  
Reviewer

  
20-12-2021  
Prem Kumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
Panchkula-134109 (Haryana)  
Phone : (O) 0172-2561543, 2565825  
Email : customersupport@itclabs.com  
Visit us : www.itclabs.com

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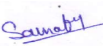
## Test Report

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|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2112140625<br><b>Sample Reg. Date</b> :14-12-2021<br><b>Report Date</b> :20-12-2021<br><b>Report No.</b> :ICE-2112200921<br><b>NABL ULR No.</b> :TC592621000015231F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                                                                                                                                                                                                                                                                |                                                                                                                     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| <b>Test Report as per :</b>                                                                                                                                                                                                                                                                    | : NAAQS 2009                                                                                                        |
| <b>General Information :</b><br>Location of Sampling Point<br>Date of Monitoring<br>Time of Monitoring<br>Purpose of Monitoring<br>Duration of Monitoring, minutes<br>Avg. Flow Rate of Sampling, m <sup>3</sup> /min<br>Volume of air sampled, m <sup>3</sup><br>Avg. Ambient Temperature, °C | : Village- Khanpur<br>: 06-12-2021<br>: 10:30 hrs<br>: For Self Monitoring<br>: 1440<br>: 1.32<br>: 1875.96<br>: 21 |

| Description                          |                                                            |                                                   |               |              |
|--------------------------------------|------------------------------------------------------------|---------------------------------------------------|---------------|--------------|
| Description                          |                                                            | Ambient Air Quality Monitoring                    |               |              |
| S.No.                                | Parameters                                                 | Method                                            | Specification | Result       |
| <b>Discipline : Chemical</b>         |                                                            |                                                   |               |              |
| <b>Group : Atmospheric Pollution</b> |                                                            |                                                   |               |              |
| <b>1.</b>                            | <b>Ambient Air Quality Parameters</b>                      |                                                   |               |              |
| a.                                   | Sulphur Dioxide(SO <sub>2</sub> ), µg/m <sup>3</sup>       | IS:5182(P-2)                                      | 80 Max        | 18.05        |
| b.                                   | Nitrogen Dioxide(NO <sub>2</sub> ), µg/m <sup>3</sup>      | IS:5182(P-6)                                      | 80 Max        | 31.99        |
| c.                                   | Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>  | IS:5182(P-23)                                     | 100 Max       | 109.22       |
| d.                                   | Particulate matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup> | STP/ITC/EW-01                                     | 60 Max        | 55.13        |
| e.                                   | Ozone(O <sub>3</sub> ), µg/m <sup>3</sup>                  | IS:5182(P-9)                                      | 180 Max       | 18.23        |
| f.                                   | Lead(As Pb), µg/m <sup>3</sup>                             | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max       | BLQ(LOQ:0.1) |
| g.                                   | Carbon Monoxide(CO), mg/m <sup>3</sup>                     | IS:5182(P-10)                                     | 4 Max         | 1.3          |

  
Saurabh Sharma  
20-12-2021  
Reviewer

  
20-12-2021  
PremKumar  
[Authorized Signatory]

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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2112140625<br><b>Sample Reg. Date</b> :14-12-2021<br><b>Report Date</b> :20-12-2021<br><b>Report No.</b> :ICE-2112200921<br><b>NABL ULR No.</b> :TC592621000015231F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
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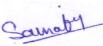
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | 25.20         |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ(LOQ: 1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per NAAQS 2009, Sampling Procedure - SOP/ITC/EW/056

**REMARKS :**N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
20-12-2021  
Reviewer

  
20-12-2021  
PremKumar  
[Authorized Signatory]

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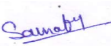
## Test Report

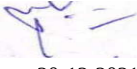
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2112140626<br><b>Sample Reg. Date</b> :14-12-2021<br><b>Report Date</b> :20-12-2021<br><b>Report No.</b> :ICE-2112200922<br><b>NABL ULR No.</b> :TC592621000015209F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                                                                                                                                                                                                                                                                |                                                                                                                      |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|
| <b>Test Report as per :</b>                                                                                                                                                                                                                                                                    | : NAAQS 2009                                                                                                         |
| <b>General Information :</b><br>Location of Sampling Point<br>Date of Monitoring<br>Time of Monitoring<br>Purpose of Monitoring<br>Duration of Monitoring, minutes<br>Avg. Flow Rate of Sampling, m <sup>3</sup> /min<br>Volume of air sampled, m <sup>3</sup><br>Avg. Ambient Temperature, °C | : Near Shakti Vihar<br>: 06-12-2021<br>: 11:30 hrs<br>: For Self Monitoring<br>: 1440<br>: 1.32<br>: 1921.71<br>: 14 |

| Description                          |                                                            |                                                   |               |              |
|--------------------------------------|------------------------------------------------------------|---------------------------------------------------|---------------|--------------|
| Description                          |                                                            | Ambient Air Quality Monitoring                    |               |              |
| S.No.                                | Parameters                                                 | Method                                            | Specification | Result       |
| <b>Discipline : Chemical</b>         |                                                            |                                                   |               |              |
| <b>Group : Atmospheric Pollution</b> |                                                            |                                                   |               |              |
| 1.                                   | <b>Ambient Air Quality Parameters</b>                      |                                                   |               |              |
| a.                                   | Sulphur Dioxide(SO <sub>2</sub> ), µg/m <sup>3</sup>       | IS:5182(P-2)                                      | 80 Max        | 12.34        |
| b.                                   | Nitrogen Dioxide(NO <sub>2</sub> ), µg/m <sup>3</sup>      | IS:5182(P-6)                                      | 80 Max        | 18.51        |
| c.                                   | Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>  | IS:5182(P-23)                                     | 100 Max       | 89.19        |
| d.                                   | Particulate matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup> | STP/ITC/EW-01                                     | 60 Max        | 39.98        |
| e.                                   | Ozone(O <sub>3</sub> ), µg/m <sup>3</sup>                  | IS:5182(P-9)                                      | 180 Max       | 17.22        |
| f.                                   | Lead(As Pb), µg/m <sup>3</sup>                             | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max       | BLQ(LOQ:0.1) |
| g.                                   | Carbon Monoxide(CO), mg/m <sup>3</sup>                     | IS:5182(P-10)                                     | 4 Max         | 1.2          |

  
Saurabh Sharma  
20-12-2021  
Reviewer

  
20-12-2021  
Prem Kumar  
[Authorized Signatory]

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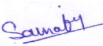
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | 23.13         |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ(LOQ: 1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per NAAQS 2009, Sampling Procedure - SOP/ITC/EW/056

**REMARKS :** N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
20-12-2021  
Reviewer

  
20-12-2021  
PremKumar  
[Authorized Signatory]

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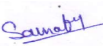
## Test Report

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2112140628<br><b>Sample Reg. Date</b> :14-12-2021<br><b>Report Date</b> :20-12-2021<br><b>Report No.</b> :ICE-2112200924<br><b>NABL ULR No.</b> :TC592621000015230F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                                                                                                                                                                                                                                                                |                                                                                                                   |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|
| <b>Test Report as per :</b>                                                                                                                                                                                                                                                                    | : NAAQS 2009                                                                                                      |
| <b>General Information :</b><br>Location of Sampling Point<br>Date of Monitoring<br>Time of Monitoring<br>Purpose of Monitoring<br>Duration of Monitoring, minutes<br>Avg. Flow Rate of Sampling, m <sup>3</sup> /min<br>Volume of air sampled, m <sup>3</sup><br>Avg. Ambient Temperature, °C | : Near Gate No.3<br>: 09-12-2021<br>: 10:40 hrs<br>: For Self Monitoring<br>: 1440<br>: 1.33<br>: 1929.55<br>: 15 |

| Description                          |                                                            |                                                   |               |              |
|--------------------------------------|------------------------------------------------------------|---------------------------------------------------|---------------|--------------|
| Description                          |                                                            | Ambient Air Quality Monitoring                    |               |              |
| S.No.                                | Parameters                                                 | Method                                            | Specification | Result       |
| <b>Discipline : Chemical</b>         |                                                            |                                                   |               |              |
| <b>Group : Atmospheric Pollution</b> |                                                            |                                                   |               |              |
| <b>1.</b>                            | <b>Ambient Air Quality Parameters</b>                      |                                                   |               |              |
| a.                                   | Sulphur Dioxide(SO <sub>2</sub> ), µg/m <sup>3</sup>       | IS:5182(P-2)                                      | 80 Max        | 15.33        |
| b.                                   | Nitrogen Dioxide(NO <sub>2</sub> ), µg/m <sup>3</sup>      | IS:5182(P-6)                                      | 80 Max        | 22.05        |
| c.                                   | Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>  | IS:5182(P-23)                                     | 100 Max       | 103.24       |
| d.                                   | Particulate matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup> | STP/ITC/EW-01                                     | 60 Max        | 55.98        |
| e.                                   | Ozone(O <sub>3</sub> ), µg/m <sup>3</sup>                  | IS:5182(P-9)                                      | 180 Max       | 20.10        |
| f.                                   | Lead(As Pb), µg/m <sup>3</sup>                             | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max       | BLQ(LOQ:0.1) |
| g.                                   | Carbon Monoxide(CO), mg/m <sup>3</sup>                     | IS:5182(P-10)                                     | 4 Max         | 1.2          |

  
Saurabh Sharma  
20-12-2021  
Reviewer

  
20-12-2021  
Prem Kumar  
[Authorized Signatory]

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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2112140628<br><b>Sample Reg. Date</b> :14-12-2021<br><b>Report Date</b> :20-12-2021<br><b>Report No.</b> :ICE-2112200924<br><b>NABL ULR No.</b> :TC592621000015230F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

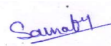
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | 29.25         |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ(LOQ: 1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per NAAQS 2009, Sampling Procedure - SOP/ITC/EW/056

**REMARKS :** N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
20-12-2021  
Reviewer

  
20-12-2021  
PremKumar  
[Authorized Signatory]

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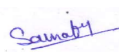
## Test Report

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Page 1 of 2

|                                                     |                                               |
|-----------------------------------------------------|-----------------------------------------------|
| <b>Issued To</b>                                    | <b>Sample Reg. No.</b> :E01-2112140627        |
| Jhajjar Power Limited                               | <b>Sample Reg. Date</b> :14-12-2021           |
| Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar | <b>Report Date</b> :20-12-2021                |
| Jhajjar                                             | <b>Report No.</b> :ICE-2112200923             |
|                                                     | <b>NABL ULR No.</b> :TC592621000015226F       |
|                                                     | <b>Customer Ref. No.</b> :Order No.5030010814 |
|                                                     | <b>Letter Dated</b> :29.10.2020               |

|                                                 |                       |
|-------------------------------------------------|-----------------------|
| <b>Test Report as per :</b>                     | : NAAQS 2009          |
| <b>General Information :</b>                    |                       |
| Location of Sampling Point                      | : Near Guest House    |
| Date of Monitoring                              | : 09-12-2021          |
| Time of Monitoring                              | : 10:50 hrs           |
| Purpose of Monitoring                           | : For Self Monitoring |
| Duration of Monitoring, minutes                 | : 1440                |
| Avg. Flow Rate of Sampling, m <sup>3</sup> /min | : 1.33                |
| Volume of air sampled, m <sup>3</sup>           | : 1922.87             |
| Avg. Ambient Temperature, °C                    | : 16                  |

| Description |                                                            |                                                   |               |              |
|-------------|------------------------------------------------------------|---------------------------------------------------|---------------|--------------|
| Description |                                                            | Ambient Air Quality Monitoring                    |               |              |
| S.No.       | Parameters                                                 | Method                                            | Specification | Result       |
|             | <b>Discipline : Chemical</b>                               |                                                   |               |              |
|             | <b>Group : Atmospheric Pollution</b>                       |                                                   |               |              |
| <b>1.</b>   | <b>Ambient Air Quality Parameters</b>                      |                                                   |               |              |
| a.          | Sulphur Dioxide(SO <sub>2</sub> ), µg/m <sup>3</sup>       | IS:5182(P-2)                                      | 80 Max        | 10.06        |
| b.          | Nitrogen Dioxide(NO <sub>2</sub> ), µg/m <sup>3</sup>      | IS:5182(P-6)                                      | 80 Max        | 17.47        |
| c.          | Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>  | IS:5182(P-23)                                     | 100 Max       | 82.22        |
| d.          | Particulate matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup> | STP/ITC/EW-01                                     | 60 Max        | 37.04        |
| e.          | Ozone(O <sub>3</sub> ), µg/m <sup>3</sup>                  | IS:5182(P-9)                                      | 180 Max       | 15.23        |
| f.          | Lead(As Pb), µg/m <sup>3</sup>                             | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max       | BLQ(LOQ:0.1) |
| g.          | Carbon Monoxide(CO), mg/m <sup>3</sup>                     | IS:5182(P-10)                                     | 4 Max         | 1.1          |

  
Saurabh Sharma  
20-12-2021  
Reviewer

  
20-12-2021  
PremKumar  
[Authorized Signatory]

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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2112140627<br><b>Sample Reg. Date</b> :14-12-2021<br><b>Report Date</b> :20-12-2021<br><b>Report No.</b> :ICE-2112200923<br><b>NABL ULR No.</b> :TC592621000015226F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

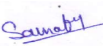
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | 21.22         |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ(LOQ: 1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per NAAQS 2009, Sampling Procedure - SOP/ITC/EW/056

**REMARKS :** N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
20-12-2021  
Reviewer

  
20-12-2021  
Prem Kumar  
[Authorized Signatory]

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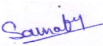
## Test Report

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2112140629<br><b>Sample Reg. Date</b> :14-12-2021<br><b>Report Date</b> :20-12-2021<br><b>Report No.</b> :ICE-2112200925<br><b>NABL ULR No.</b> :TC592621000015222F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                                                                                                                                                                                                                                                                |                                                                                                                    |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|
| <b>Test Report as per :</b>                                                                                                                                                                                                                                                                    | : NAAQS 2009                                                                                                       |
| <b>General Information :</b><br>Location of Sampling Point<br>Date of Monitoring<br>Time of Monitoring<br>Purpose of Monitoring<br>Duration of Monitoring, minutes<br>Avg. Flow Rate of Sampling, m <sup>3</sup> /min<br>Volume of air sampled, m <sup>3</sup><br>Avg. Ambient Temperature, °C | : Village-Khanpur<br>: 09-12-2021<br>: 10:30 hrs<br>: For Self Monitoring<br>: 1440<br>: 1.32<br>: 1915.04<br>: 15 |

| Description                          |                                                            |                                                   |               |              |
|--------------------------------------|------------------------------------------------------------|---------------------------------------------------|---------------|--------------|
| Description                          |                                                            | Ambient Air Quality Monitoring                    |               |              |
| S.No.                                | Parameters                                                 | Method                                            | Specification | Result       |
| <b>Discipline : Chemical</b>         |                                                            |                                                   |               |              |
| <b>Group : Atmospheric Pollution</b> |                                                            |                                                   |               |              |
| <b>1.</b>                            | <b>Ambient Air Quality Parameters</b>                      |                                                   |               |              |
| a.                                   | Sulphur Dioxide(SO <sub>2</sub> ), µg/m <sup>3</sup>       | IS:5182(P-2)                                      | 80 Max        | 15.91        |
| b.                                   | Nitrogen Dioxide(NO <sub>2</sub> ), µg/m <sup>3</sup>      | IS:5182(P-6)                                      | 80 Max        | 22.05        |
| c.                                   | Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>  | IS:5182(P-23)                                     | 100 Max       | 97.23        |
| d.                                   | Particulate matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup> | STP/ITC/EW-01                                     | 60 Max        | 50.08        |
| e.                                   | Ozone(O <sub>3</sub> ), µg/m <sup>3</sup>                  | IS:5182(P-9)                                      | 180 Max       | 19.22        |
| f.                                   | Lead(As Pb), µg/m <sup>3</sup>                             | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max       | BLQ(LOQ:0.1) |
| g.                                   | Carbon Monoxide(CO), mg/m <sup>3</sup>                     | IS:5182(P-10)                                     | 4 Max         | 1.3          |

  
Saurabh Sharma  
20-12-2021  
Reviewer

  
20-12-2021  
Prem Kumar  
[Authorized Signatory]

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2112140629<br><b>Sample Reg. Date</b> :14-12-2021<br><b>Report Date</b> :20-12-2021<br><b>Report No.</b> :ICE-2112200925<br><b>NABL ULR No.</b> :TC592621000015222F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
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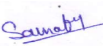
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | 27.13         |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ(LOQ: 1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per NAAQS 2009, Sampling Procedure - SOP/ITC/EW/056

**REMARKS :** N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
20-12-2021  
Reviewer

  
20-12-2021  
PremKumar  
[Authorized Signatory]

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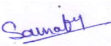
## Test Report

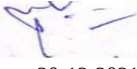
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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2112140630<br><b>Sample Reg. Date</b> :14-12-2021<br><b>Report Date</b> :20-12-2021<br><b>Report No.</b> :ICE-2112200926<br><b>NABL ULR No.</b> :TC592621000015229F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                                                                                                                                                                                                                                                                |                                                                                                                      |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|
| <b>Test Report as per :</b>                                                                                                                                                                                                                                                                    | : NAAQS 2009                                                                                                         |
| <b>General Information :</b><br>Location of Sampling Point<br>Date of Monitoring<br>Time of Monitoring<br>Purpose of Monitoring<br>Duration of Monitoring, minutes<br>Avg. Flow Rate of Sampling, m <sup>3</sup> /min<br>Volume of air sampled, m <sup>3</sup><br>Avg. Ambient Temperature, °C | : Near Shakti Vihar<br>: 09-12-2021<br>: 11:10 hrs<br>: For Self Monitoring<br>: 1440<br>: 1.31<br>: 1900.53<br>: 15 |

| Description                          |                                                            |                                                   |               |              |
|--------------------------------------|------------------------------------------------------------|---------------------------------------------------|---------------|--------------|
| Description                          | Ambient Air Quality Monitoring                             |                                                   |               |              |
| S.No.                                | Parameters                                                 | Method                                            | Specification | Result       |
| <b>Discipline : Chemical</b>         |                                                            |                                                   |               |              |
| <b>Group : Atmospheric Pollution</b> |                                                            |                                                   |               |              |
| <b>1.</b>                            | <b>Ambient Air Quality Parameters</b>                      |                                                   |               |              |
| a.                                   | Sulphur Dioxide(SO <sub>2</sub> ), µg/m <sup>3</sup>       | IS:5182(P-2)                                      | 80 Max        | 10.02        |
| b.                                   | Nitrogen Dioxide(NO <sub>2</sub> ), µg/m <sup>3</sup>      | IS:5182(P-6)                                      | 80 Max        | 13.93        |
| c.                                   | Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>  | IS:5182(P-23)                                     | 100 Max       | 85.19        |
| d.                                   | Particulate matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup> | STP/ITC/EW-01                                     | 60 Max        | 38.30        |
| e.                                   | Ozone(O <sub>3</sub> ), µg/m <sup>3</sup>                  | IS:5182(P-9)                                      | 180 Max       | 15.22        |
| f.                                   | Lead(As Pb), µg/m <sup>3</sup>                             | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max       | BLQ(LOQ:0.1) |
| g.                                   | Carbon Monoxide(CO), mg/m <sup>3</sup>                     | IS:5182(P-10)                                     | 4 Max         | 1.4          |

  
Saurabh Sharma  
20-12-2021  
Reviewer

  
20-12-2021  
Prem Kumar  
[Authorized Signatory]

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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2112140630<br><b>Sample Reg. Date</b> :14-12-2021<br><b>Report Date</b> :20-12-2021<br><b>Report No.</b> :ICE-2112200926<br><b>NABL ULR No.</b> :TC592621000015229F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

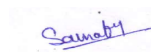
|    |                                                            |                                                   |         |               |
|----|------------------------------------------------------------|---------------------------------------------------|---------|---------------|
| h. | Ammonia(NH <sub>3</sub> ),µg/m <sup>3</sup>                | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | 20.11         |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m <sup>3</sup> | IS 5182 (Part 11)                                 | 5 Max   | BLQ(LOQ: 1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m <sup>3</sup>  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m <sup>3</sup>                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m <sup>3</sup>                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per NAAQS 2009, Sampling Procedure - SOP/ITC/EW/056

**REMARKS :** N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
20-12-2021  
Reviewer

  
20-12-2021  
PremKumar  
[Authorized Signatory]

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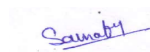
## Test Report

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2112281478<br><b>Sample Reg. Date</b> :28-12-2021<br><b>Report Date</b> :10-01-2022<br><b>Report No.</b> :ICE-2201100415<br><b>NABL ULR No.</b> :TC592622000000268F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                 |                       |
|-------------------------------------------------|-----------------------|
| <b>Test Report as per :</b>                     | : NAAQS 2009          |
| <b>General Information :</b>                    |                       |
| Location of Sampling Point                      | : Near Gate No.3      |
| Date of Monitoring                              | : 13-12-2021          |
| Time of Monitoring                              | : 11:20 hrs           |
| Purpose of Monitoring                           | : For Self Monitoring |
| Duration of Monitoring, minutes                 | : 1440                |
| Avg. Flow Rate of Sampling, m <sup>3</sup> /min | : 1.32                |
| Volume of air sampled, m <sup>3</sup>           | : 1901.83             |
| Avg. Ambient Temperature, °C                    | : 17                  |

| Description                          |                                                            |               |               |              |
|--------------------------------------|------------------------------------------------------------|---------------|---------------|--------------|
| Description                          | Ambient Air Quality Monitoring                             |               |               |              |
| S.No.                                | Parameters                                                 | Method        | Specification | Result       |
| <b>Discipline : Chemical</b>         |                                                            |               |               |              |
| <b>Group : Atmospheric Pollution</b> |                                                            |               |               |              |
| 1.                                   | <b>Ambient Air Quality Parameters</b>                      |               |               |              |
| a.                                   | Sulphur Dioxide(SO <sub>2</sub> ), µg/m <sup>3</sup>       | IS:5182(P-2)  | 80 Max        | 13.23        |
| b.                                   | Nitrogen Dioxide(NO <sub>2</sub> ), µg/m <sup>3</sup>      | IS:5182(P-6)  | 80 Max        | 19.53        |
| c.                                   | Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>  | IS:5182(P-23) | 100 Max       | 94.22        |
| d.                                   | Particulate matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup> | STP/ITC/EW-01 | 60 Max        | 50.08        |
| e.                                   | Ozone(O <sub>3</sub> ), µg/m <sup>3</sup>                  | IS:5182(P-9)  | 180 Max       | BLQ(LOQ: 14) |

  
Saurabh Sharma  
10-01-2022  
Reviewer

  
10-01-2022  
PremKumar  
[Authorized Signatory]

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## Test Report

Document QF : 2501

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2112281478<br><b>Sample Reg. Date</b> :28-12-2021<br><b>Report Date</b> :10-01-2022<br><b>Report No.</b> :ICE-2201100415<br><b>NABL ULR No.</b> :TC592622000000268F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

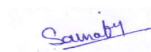
|    |                                                |                                                   |         |               |
|----|------------------------------------------------|---------------------------------------------------|---------|---------------|
| f. | Lead(As Pb),µg/m3                              | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max | BLQ(LOQ:0.1)  |
| g. | Carbon Monoxide(CO),mg/m3                      | IS:5182(P-10)                                     | 4 Max   | 1.3           |
| h. | Ammonia(NH3),µg/m3                             | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | 22.12         |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m3 | IS 5182 (Part 11)                                 | 5 Max   | BLQ (LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m3  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m3                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m3                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per NAAQS 2009, Sampling Procedure - SOP/ITC/EW/056

**REMARKS :** N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
 Saurabh Sharma  
 10-01-2022  
 Reviewer

  
 10-01-2022  
 PremKumar  
 [Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
 86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
 Panchkula-134109 (Haryana)  
 Phone : (O) 0172-2561543, 2565825  
 Email : customersupport@itclabs.com  
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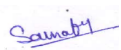
## Test Report

Document QF : 2501

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2112281477<br><b>Sample Reg. Date</b> :28-12-2021<br><b>Report Date</b> :10-01-2022<br><b>Report No.</b> :ICE-2201100414<br><b>NABL ULR No.</b> :TC592622000000267F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                 |                       |
|-------------------------------------------------|-----------------------|
| <b>Test Report as per :</b>                     | : NAAQS 2009          |
| <b>General Information :</b>                    |                       |
| Location of Sampling Point                      | : Near Guest House    |
| Date of Monitoring                              | : 13-12-2021          |
| Time of Monitoring                              | : 11:40 hrs           |
| Purpose of Monitoring                           | : For Self Monitoring |
| Duration of Monitoring, minutes                 | : 1440                |
| Avg. Flow Rate of Sampling, m <sup>3</sup> /min | : 1.33                |
| Volume of air sampled, m <sup>3</sup>           | : 1922.87             |
| Avg. Ambient Temperature, °C                    | : 16                  |

| Description                          |                                                            |               |               |              |
|--------------------------------------|------------------------------------------------------------|---------------|---------------|--------------|
| Description                          | Ambient Air Quality Monitoring                             |               |               |              |
| S.No.                                | Parameters                                                 | Method        | Specification | Result       |
| <b>Discipline : Chemical</b>         |                                                            |               |               |              |
| <b>Group : Atmospheric Pollution</b> |                                                            |               |               |              |
| 1.                                   | <b>Ambient Air Quality Parameters</b>                      |               |               |              |
| a.                                   | Sulphur Dioxide(SO <sub>2</sub> ), µg/m <sup>3</sup>       | IS:5182(P-2)  | 80 Max        | 9.56         |
| b.                                   | Nitrogen Dioxide(NO <sub>2</sub> ), µg/m <sup>3</sup>      | IS:5182(P-6)  | 80 Max        | 11.08        |
| c.                                   | Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>  | IS:5182(P-23) | 100 Max       | 91.77        |
| d.                                   | Particulate matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup> | STP/ITC/EW-01 | 60 Max        | 39.14        |
| e.                                   | Ozone(O <sub>3</sub> ), µg/m <sup>3</sup>                  | IS:5182(P-9)  | 180 Max       | BLQ(LOQ: 14) |

  
Saurabh Sharma  
10-01-2022  
Reviewer

  
10-01-2022  
PremKumar  
[Authorized Signatory]

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## Test Report

Document QF : 2501

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2112281477<br><b>Sample Reg. Date</b> :28-12-2021<br><b>Report Date</b> :10-01-2022<br><b>Report No.</b> :ICE-2201100414<br><b>NABL ULR No.</b> :TC592622000000267F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

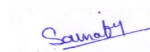
|    |                                                |                                                   |         |               |
|----|------------------------------------------------|---------------------------------------------------|---------|---------------|
| f. | Lead(As Pb),µg/m3                              | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max | BLQ(LOQ:0.1)  |
| g. | Carbon Monoxide(CO),mg/m3                      | IS:5182(P-10)                                     | 4 Max   | BLQ (LOQ:1.0) |
| h. | Ammonia(NH3),µg/m3                             | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | BLQ(LOQ: 5.0) |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m3 | IS 5182 (Part 11)                                 | 5 Max   | BLQ (LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m3  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m3                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m3                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per NAAQS 2009, Sampling Procedure - SOP/ITC/EW/056

**REMARKS :** N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
10-01-2022  
Reviewer

  
10-01-2022  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
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Phone : (O) 0172-2561543, 2565825  
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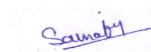
## Test Report

Document QF : 2501

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2112281479<br><b>Sample Reg. Date</b> :28-12-2021<br><b>Report Date</b> :10-01-2022<br><b>Report No.</b> :ICE-2201100416<br><b>NABL ULR No.</b> :TC592622000000269F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                                                                                                                                                                                                                                                                |                                                                                                                    |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|
| <b>Test Report as per :</b>                                                                                                                                                                                                                                                                    | : NAAQS 2009                                                                                                       |
| <b>General Information :</b><br>Location of Sampling Point<br>Date of Monitoring<br>Time of Monitoring<br>Purpose of Monitoring<br>Duration of Monitoring, minutes<br>Avg. Flow Rate of Sampling, m <sup>3</sup> /min<br>Volume of air sampled, m <sup>3</sup><br>Avg. Ambient Temperature, °C | : Village Khanpur<br>: 13-12-2021<br>: 11:00 hrs<br>: For Self Monitoring<br>: 1440<br>: 1.32<br>: 1935.20<br>: 12 |

| Description                          |                                                            |               |               |              |
|--------------------------------------|------------------------------------------------------------|---------------|---------------|--------------|
| Description                          | Ambient Air Quality Monitoring                             |               |               |              |
| S.No.                                | Parameters                                                 | Method        | Specification | Result       |
| <b>Discipline : Chemical</b>         |                                                            |               |               |              |
| <b>Group : Atmospheric Pollution</b> |                                                            |               |               |              |
| 1.                                   | <b>Ambient Air Quality Parameters</b>                      |               |               |              |
| a.                                   | Sulphur Dioxide(SO <sub>2</sub> ), µg/m <sup>3</sup>       | IS:5182(P-2)  | 80 Max        | 12.64        |
| b.                                   | Nitrogen Dioxide(NO <sub>2</sub> ), µg/m <sup>3</sup>      | IS:5182(P-6)  | 80 Max        | 17.68        |
| c.                                   | Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>  | IS:5182(P-23) | 100 Max       | 90.32        |
| d.                                   | Particulate matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup> | STP/ITC/EW-01 | 60 Max        | 48.40        |
| e.                                   | Ozone(O <sub>3</sub> ), µg/m <sup>3</sup>                  | IS:5182(P-9)  | 180 Max       | BLQ(LOQ: 14) |

  
Saurabh Sharma  
10-01-2022  
Reviewer

  
10-01-2022  
Prem Kumar  
[Authorized Signatory]

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## Test Report

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

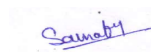
|    |                                                |                                                   |         |               |
|----|------------------------------------------------|---------------------------------------------------|---------|---------------|
| f. | Lead(As Pb),µg/m3                              | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max | BLQ(LOQ:0.1)  |
| g. | Carbon Monoxide(CO),mg/m3                      | IS:5182(P-10)                                     | 4 Max   | 1.2           |
| h. | Ammonia(NH3),µg/m3                             | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | 15.24         |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m3 | IS 5182 (Part 11)                                 | 5 Max   | BLQ (LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m3  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m3                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m3                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE** : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per NAAQS 2009, Sampling Procedure - SOP/ITC/EW/056

**REMARKS** :N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
10-01-2022  
Reviewer

  
10-01-2022  
PremKumar  
[Authorized Signatory]

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Panchkula-134109 (Haryana)  
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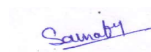
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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2112281480<br><b>Sample Reg. Date</b> :28-12-2021<br><b>Report Date</b> :10-01-2022<br><b>Report No.</b> :ICE-2201100417<br><b>NABL ULR No.</b> :TC592622000000270F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                 |                       |
|-------------------------------------------------|-----------------------|
| <b>Test Report as per :</b>                     | : NAAQS 2009          |
| <b>General Information :</b>                    |                       |
| Location of Sampling Point                      | : Near Shakti Vihar   |
| Date of Monitoring                              | : 13-12-2021          |
| Time of Monitoring                              | : 11:50 hrs           |
| Purpose of Monitoring                           | : For Self Monitoring |
| Duration of Monitoring, minutes                 | : 1440                |
| Avg. Flow Rate of Sampling, m <sup>3</sup> /min | : 1.27                |
| Volume of air sampled, m <sup>3</sup>           | : 1855.39             |
| Avg. Ambient Temperature, °C                    | : 13                  |

| Description                          |                                                            |               |               |              |
|--------------------------------------|------------------------------------------------------------|---------------|---------------|--------------|
| Description                          | Ambient Air Quality Monitoring                             |               |               |              |
| S.No.                                | Parameters                                                 | Method        | Specification | Result       |
| <b>Discipline : Chemical</b>         |                                                            |               |               |              |
| <b>Group : Atmospheric Pollution</b> |                                                            |               |               |              |
| <b>1.</b>                            | <b>Ambient Air Quality Parameters</b>                      |               |               |              |
| a.                                   | Sulphur Dioxide(SO <sub>2</sub> ), µg/m <sup>3</sup>       | IS:5182(P-2)  | 80 Max        | 8.19         |
| b.                                   | Nitrogen Dioxide(NO <sub>2</sub> ), µg/m <sup>3</sup>      | IS:5182(P-6)  | 80 Max        | 11.91        |
| c.                                   | Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>  | IS:5182(P-23) | 100 Max       | 83.57        |
| d.                                   | Particulate matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup> | STP/ITC/EW-01 | 60 Max        | 40.40        |
| e.                                   | Ozone(O <sub>3</sub> ), µg/m <sup>3</sup>                  | IS:5182(P-9)  | 180 Max       | BLQ(LOQ: 14) |

  
Saurabh Sharma  
10-01-2022  
Reviewer

  
10-01-2022  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
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Panchkula-134109 (Haryana)  
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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2112281480<br><b>Sample Reg. Date</b> :28-12-2021<br><b>Report Date</b> :10-01-2022<br><b>Report No.</b> :ICE-2201100417<br><b>NABL ULR No.</b> :TC592622000000270F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

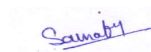
|    |                                                |                                                   |         |               |
|----|------------------------------------------------|---------------------------------------------------|---------|---------------|
| f. | Lead(As Pb),µg/m3                              | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max | BLQ(LOQ:0.1)  |
| g. | Carbon Monoxide(CO),mg/m3                      | IS:5182(P-10)                                     | 4 Max   | BLQ (LOQ:1.0) |
| h. | Ammonia(NH3),µg/m3                             | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | BLQ(LOQ: 5.0) |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m3 | IS 5182 (Part 11)                                 | 5 Max   | BLQ (LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m3  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m3                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m3                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

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**NOTE** : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification,Requirements as per NAAQS 2009, Sampling Procedure - SOP/ITC/EW/056

**REMARKS** :N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
10-01-2022  
Reviewer

  
10-01-2022  
PremKumar  
[Authorized Signatory]

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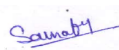
## Test Report

Document QF : 2501

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2112281482<br><b>Sample Reg. Date</b> :28-12-2021<br><b>Report Date</b> :10-01-2022<br><b>Report No.</b> :ICE-2201100419<br><b>NABL ULR No.</b> :TC592622000000272F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                   |                       |
|-----------------------------------|-----------------------|
| <b>Test Report as per :</b>       | : NAAQS 2009          |
| <b>General Information :</b>      |                       |
| Location of Sampling Point        | : Near Gate No.3      |
| Date of Monitoring                | : 16-12-2021          |
| Time of Monitoring                | : 10:40 hrs           |
| Purpose of Monitoring             | : For Self Monitoring |
| Duration of Monitoring,minutes    | : 1440                |
| Avg. Flow Rate of Sampling,m3/min | : 1.32                |
| Volume of air sampled,m3          | : 1928.43             |
| Avg. Ambient Temperature,°C       | : 13                  |

| Description                          |                                                           |               |               |              |
|--------------------------------------|-----------------------------------------------------------|---------------|---------------|--------------|
| Description                          | Ambient Air Quality Monitoring                            |               |               |              |
| S.No.                                | Parameters                                                | Method        | Specification | Result       |
| <b>Discipline : Chemical</b>         |                                                           |               |               |              |
| <b>Group : Atmospheric Pollution</b> |                                                           |               |               |              |
| <b>1.</b>                            | <b>Ambient Air Quality Parameters</b>                     |               |               |              |
| a.                                   | Sulphur Dioxide(SO <sub>2</sub> ),µg/m <sup>3</sup>       | IS:5182(P-2)  | 80 Max        | 16.22        |
| b.                                   | Nitrogen Dioxide(NO <sub>2</sub> ),µg/m <sup>3</sup>      | IS:5182(P-6)  | 80 Max        | 31.89        |
| c.                                   | Particulate Matter (PM <sub>10</sub> ),µg/m <sup>3</sup>  | IS:5182(P-23) | 100 Max       | 105.69       |
| d.                                   | Particulate matter (PM <sub>2.5</sub> ),µg/m <sup>3</sup> | STP/ITC/EW-01 | 60 Max        | 53.87        |
| e.                                   | Ozone(O <sub>3</sub> ),µg/m <sup>3</sup>                  | IS:5182(P-9)  | 180 Max       | BLQ(LOQ: 14) |

  
Saurabh Sharma  
10-01-2022  
Reviewer

  
10-01-2022  
PremKumar  
[Authorized Signatory]

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|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

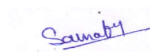
|    |                                                |                                                   |         |               |
|----|------------------------------------------------|---------------------------------------------------|---------|---------------|
| f. | Lead(As Pb),µg/m3                              | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max | BLQ(LOQ:0.1)  |
| g. | Carbon Monoxide(CO),mg/m3                      | IS:5182(P-10)                                     | 4 Max   | 1.5           |
| h. | Ammonia(NH3),µg/m3                             | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | 16.25         |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m3 | IS 5182 (Part 11)                                 | 5 Max   | BLQ (LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m3  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m3                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m3                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per NAAQS 2009, Sampling Procedure - SOP/ITC/EW/056

**REMARKS :** N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
10-01-2022  
Reviewer

  
10-01-2022  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
Panchkula-134109 (Haryana)  
Phone : (O) 0172-2561543, 2565825  
Email : customersupport@itclabs.com  
Visit us : www.itclabs.com

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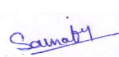
## Test Report

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2112281481<br><b>Sample Reg. Date</b> :28-12-2021<br><b>Report Date</b> :10-01-2022<br><b>Report No.</b> :ICE-2201100418<br><b>NABL ULR No.</b> :TC592622000000271F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                 |                       |
|-------------------------------------------------|-----------------------|
| <b>Test Report as per :</b>                     | : NAAQS 2009          |
| <b>General Information :</b>                    |                       |
| Location of Sampling Point                      | : Near Guest House    |
| Date of Monitoring                              | : 16-12-2021          |
| Time of Monitoring                              | : 10:55 hrs           |
| Purpose of Monitoring                           | : For Self Monitoring |
| Duration of Monitoring, minutes                 | : 1440                |
| Avg. Flow Rate of Sampling, m <sup>3</sup> /min | : 1.33                |
| Volume of air sampled, m <sup>3</sup>           | : 1936.27             |
| Avg. Ambient Temperature, °C                    | : 14                  |

| Description                          |                                                            |               |               |              |
|--------------------------------------|------------------------------------------------------------|---------------|---------------|--------------|
| Description                          | Ambient Air Quality Monitoring                             |               |               |              |
| S.No.                                | Parameters                                                 | Method        | Specification | Result       |
| <b>Discipline : Chemical</b>         |                                                            |               |               |              |
| <b>Group : Atmospheric Pollution</b> |                                                            |               |               |              |
| <b>1.</b>                            | <b>Ambient Air Quality Parameters</b>                      |               |               |              |
| a.                                   | Sulphur Dioxide(SO <sub>2</sub> ), µg/m <sup>3</sup>       | IS:5182(P-2)  | 80 Max        | 14.97        |
| b.                                   | Nitrogen Dioxide(NO <sub>2</sub> ), µg/m <sup>3</sup>      | IS:5182(P-6)  | 80 Max        | 23.92        |
| c.                                   | Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>  | IS:5182(P-23) | 100 Max       | 95.85        |
| d.                                   | Particulate matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup> | STP/ITC/EW-01 | 60 Max        | 50.78        |
| e.                                   | Ozone(O <sub>3</sub> ), µg/m <sup>3</sup>                  | IS:5182(P-9)  | 180 Max       | BLQ(LOQ: 14) |

  
Saurabh Sharma  
10-01-2022  
Reviewer

  
10-01-2022  
PremKumar  
[Authorized Signatory]

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## Test Report

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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2112281481<br><b>Sample Reg. Date</b> :28-12-2021<br><b>Report Date</b> :10-01-2022<br><b>Report No.</b> :ICE-2201100418<br><b>NABL ULR No.</b> :TC592622000000271F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

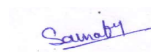
|    |                                                |                                                   |         |               |
|----|------------------------------------------------|---------------------------------------------------|---------|---------------|
| f. | Lead(As Pb),µg/m3                              | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max | BLQ(LOQ:0.1)  |
| g. | Carbon Monoxide(CO),mg/m3                      | IS:5182(P-10)                                     | 4 Max   | BLQ (LOQ:1.0) |
| h. | Ammonia(NH3),µg/m3                             | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | BLQ(LOQ: 5.0) |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m3 | IS 5182 (Part 11)                                 | 5 Max   | BLQ (LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m3  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m3                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m3                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE** : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per NAAQS 2009, Sampling Procedure - SOP/ITC/EW/056

**REMARKS** :N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
10-01-2022  
Reviewer

  
10-01-2022  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
Panchkula-134109 (Haryana)  
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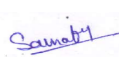
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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2112281483<br><b>Sample Reg. Date</b> :28-12-2021<br><b>Report Date</b> :10-01-2022<br><b>Report No.</b> :ICE-2201100420<br><b>NABL ULR No.</b> :TC592622000000273F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
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|                                                                                                                                                                                                                                                                                                |                                                                                                                     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| <b>Test Report as per :</b>                                                                                                                                                                                                                                                                    | : NAAQS 2009                                                                                                        |
| <b>General Information :</b><br>Location of Sampling Point<br>Date of Monitoring<br>Time of Monitoring<br>Purpose of Monitoring<br>Duration of Monitoring, minutes<br>Avg. Flow Rate of Sampling, m <sup>3</sup> /min<br>Volume of air sampled, m <sup>3</sup><br>Avg. Ambient Temperature, °C | : Village- Khanpur<br>: 16-12-2021<br>: 10:30 hrs<br>: For Self Monitoring<br>: 1440<br>: 1.33<br>: 1943.04<br>: 13 |

| Description                          |                                                            |               |               |              |
|--------------------------------------|------------------------------------------------------------|---------------|---------------|--------------|
| Description                          | Ambient Air Quality Monitoring                             |               |               |              |
| S.No.                                | Parameters                                                 | Method        | Specification | Result       |
| <b>Discipline : Chemical</b>         |                                                            |               |               |              |
| <b>Group : Atmospheric Pollution</b> |                                                            |               |               |              |
| 1.                                   | <b>Ambient Air Quality Parameters</b>                      |               |               |              |
| a.                                   | Sulphur Dioxide(SO <sub>2</sub> ), µg/m <sup>3</sup>       | IS:5182(P-2)  | 80 Max        | 19.90        |
| b.                                   | Nitrogen Dioxide(NO <sub>2</sub> ), µg/m <sup>3</sup>      | IS:5182(P-6)  | 80 Max        | 42.21        |
| c.                                   | Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>  | IS:5182(P-23) | 100 Max       | 103.58       |
| d.                                   | Particulate matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup> | STP/ITC/EW-01 | 60 Max        | 57.91        |
| e.                                   | Ozone(O <sub>3</sub> ), µg/m <sup>3</sup>                  | IS:5182(P-9)  | 180 Max       | BLQ(LOQ: 14) |

  
Saurabh Sharma  
10-01-2022  
Reviewer

  
10-01-2022  
Prem Kumar  
[Authorized Signatory]

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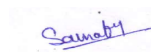
|    |                                                |                                                   |         |               |
|----|------------------------------------------------|---------------------------------------------------|---------|---------------|
| f. | Lead(As Pb),µg/m3                              | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max | BLQ(LOQ:0.1)  |
| g. | Carbon Monoxide(CO),mg/m3                      | IS:5182(P-10)                                     | 4 Max   | 1.5           |
| h. | Ammonia(NH3),µg/m3                             | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | BLQ(LOQ: 5.0) |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m3 | IS 5182 (Part 11)                                 | 5 Max   | BLQ (LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m3  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m3                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m3                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per NAAQS 2009, Sampling Procedure - SOP/ITC/EW/056

**REMARKS :** N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
 Saurabh Sharma  
 10-01-2022  
 Reviewer

  
 10-01-2022  
 PremKumar  
 [Authorized Signatory]

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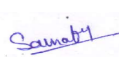
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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2112281484<br><b>Sample Reg. Date</b> :28-12-2021<br><b>Report Date</b> :10-01-2022<br><b>Report No.</b> :ICE-2201100421<br><b>NABL ULR No.</b> :TC592622000000274F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                                                                                                                                                                                                                                                                |                                                                                                                      |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|
| <b>Test Report as per :</b>                                                                                                                                                                                                                                                                    | : NAAQS 2009                                                                                                         |
| <b>General Information :</b><br>Location of Sampling Point<br>Date of Monitoring<br>Time of Monitoring<br>Purpose of Monitoring<br>Duration of Monitoring, minutes<br>Avg. Flow Rate of Sampling, m <sup>3</sup> /min<br>Volume of air sampled, m <sup>3</sup><br>Avg. Ambient Temperature, °C | : Near Shakti Vihar<br>: 16-12-2021<br>: 11:10 hrs<br>: For Self Monitoring<br>: 1440<br>: 1.33<br>: 1929.55<br>: 15 |

| Description                          |                                                            |               |               |             |
|--------------------------------------|------------------------------------------------------------|---------------|---------------|-------------|
| Description                          | Ambient Air Quality Monitoring                             |               |               |             |
| S.No.                                | Parameters                                                 | Method        | Specification | Result      |
| <b>Discipline : Chemical</b>         |                                                            |               |               |             |
| <b>Group : Atmospheric Pollution</b> |                                                            |               |               |             |
| 1.                                   | <b>Ambient Air Quality Parameters</b>                      |               |               |             |
| a.                                   | Sulphur Dioxide(SO <sub>2</sub> ), µg/m <sup>3</sup>       | IS:5182(P-2)  | 80 Max        | 13.10       |
| b.                                   | Nitrogen Dioxide(NO <sub>2</sub> ), µg/m <sup>3</sup>      | IS:5182(P-6)  | 80 Max        | 21.92       |
| c.                                   | Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>  | IS:5182(P-23) | 100 Max       | 89.24       |
| d.                                   | Particulate matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup> | STP/ITC/EW-01 | 60 Max        | 46.36       |
| e.                                   | Ozone(O <sub>3</sub> ), µg/m <sup>3</sup>                  | IS:5182(P-9)  | 180 Max       | BLQ(LOQ:14) |

  
Saurabh Sharma  
10-01-2022  
Reviewer

  
10-01-2022  
Prem Kumar  
[Authorized Signatory]

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|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

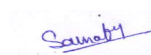
|    |                                                |                                                   |         |               |
|----|------------------------------------------------|---------------------------------------------------|---------|---------------|
| f. | Lead(As Pb),µg/m3                              | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max | BLQ(LOQ:0.1)  |
| g. | Carbon Monoxide(CO),mg/m3                      | IS:5182(P-10)                                     | 4 Max   | BLQ (LOQ:1.0) |
| h. | Ammonia(NH3),µg/m3                             | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | BLQ(LOQ: 5.0) |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m3 | IS 5182 (Part 11)                                 | 5 Max   | BLQ (LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m3  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m3                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m3                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification,Requirements as per NAAQS 2009, Sampling Procedure - SOP/ITC/EW/056

**REMARKS :**N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
 Saurabh Sharma  
 10-01-2022  
 Reviewer

  
 10-01-2022  
 PremKumar  
 [Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
 86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
 Panchkula-134109 (Haryana)  
 Phone : (O) 0172-2561543, 2565825  
 Email : customersupport@itclabs.com  
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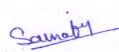
## Test Report

Document QF : 2501

|                                                     |                                               |
|-----------------------------------------------------|-----------------------------------------------|
| <b>Issued To</b>                                    | <b>Sample Reg. No.</b> :E01-2112311768        |
| Jhajjar Power Limited                               | <b>Sample Reg. Date</b> :31-12-2021           |
| Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar | <b>Report Date</b> :10-01-2022                |
| Jhajjar                                             | <b>Report No.</b> :ICE-2201100436             |
|                                                     | <b>NABL ULR No.</b> :TC592622000000286F       |
|                                                     | <b>Customer Ref. No.:</b> Order No.5030010814 |
|                                                     | <b>Letter Dated</b> :29.10.2020               |

|                                   |                       |
|-----------------------------------|-----------------------|
| <b>Test Report as per :</b>       | : NAAQS 2009          |
| <b>General Information :</b>      |                       |
| Location of Sampling Point        | : Near Gate No.3      |
| Date of Monitoring                | : 23-12-2021          |
| Time of Monitoring                | : 10:50 hrs           |
| Purpose of Monitoring             | : For Self Monitoring |
| Duration of Monitoring,minutes    | : 1440                |
| Avg. Flow Rate of Sampling,m3/min | : 1.32                |
| Volume of air sampled,m3          | : 1921.71             |
| Avg. Ambient Temperature,°C       | : 14                  |

| Description |                                                           |                                |               |             |
|-------------|-----------------------------------------------------------|--------------------------------|---------------|-------------|
| Description |                                                           | Ambient Air Quality Monitoring |               |             |
| S.No.       | Parameters                                                | Method                         | Specification | Result      |
|             | <b>Discipline : Chemical</b>                              |                                |               |             |
|             | <b>Group : Atmospheric Pollution</b>                      |                                |               |             |
| 1.          | <b>Ambient Air Quality Parameters</b>                     |                                |               |             |
| a.          | Sulphur Dioxide(SO <sub>2</sub> ),µg/m <sup>3</sup>       | IS:5182(P-2)                   | 80 Max        | 14.92       |
| b.          | Nitrogen Dioxide(NO <sub>2</sub> ),µg/m <sup>3</sup>      | IS:5182(P-6)                   | 80 Max        | 33.77       |
| c.          | Particulate Matter (PM <sub>10</sub> ),µg/m <sup>3</sup>  | IS:5182(P-23)                  | 100 Max       | 124.47      |
| d.          | Particulate matter (PM <sub>2.5</sub> ),µg/m <sup>3</sup> | STP/ITC/EW-01                  | 60 Max        | 58.24       |
| e.          | Ozone(O <sub>3</sub> ),µg/m <sup>3</sup>                  | IS:5182(P-9)                   | 180 Max       | BLQ(LOQ:14) |

  
Saurabh Sharma  
10-01-2022  
Reviewer

  
10-01-2022  
PremKumar  
[Authorized Signatory]

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## Test Report

Document QF : 2501

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2112311768<br><b>Sample Reg. Date</b> :31-12-2021<br><b>Report Date</b> :10-01-2022<br><b>Report No.</b> :ICE-2201100436<br><b>NABL ULR No.</b> :TC592622000000286F<br><b>Customer Ref. No.:</b> Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

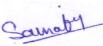
|    |                                                |                                                   |         |              |
|----|------------------------------------------------|---------------------------------------------------|---------|--------------|
| f. | Lead(As Pb),µg/m3                              | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max | BLQ(LOQ:0.1) |
| g. | Carbon Monoxide(CO),mg/m3                      | IS:5182(P-10)                                     | 4 Max   | 1.6          |
| h. | Ammonia(NH3),µg/m3                             | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | 14.36        |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m3 | IS 5182 (Part 11)                                 | 5 Max   | BLQ(LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m3  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5) |
| k. | Arsenic(as As),ng/m3                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0) |
| l. | Nickel(As Ni),ng/m3                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0) |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification,Requirements as per NAAQS 2009, Sampling Procedure - SOP/ITC/EW/056

**REMARKS :**N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
 Saurabh Sharma  
 10-01-2022  
 Reviewer

  
 10-01-2022  
 PremKumar  
 [Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
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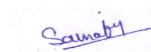
## Test Report

Document QF : 2501

|                                                     |                                               |
|-----------------------------------------------------|-----------------------------------------------|
| <b>Issued To</b>                                    | <b>Sample Reg. No.</b> :E01-2112311767        |
| Jhajjar Power Limited                               | <b>Sample Reg. Date</b> :31-12-2021           |
| Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar | <b>Report Date</b> :10-01-2022                |
| Jhajjar                                             | <b>Report No.</b> :ICE-2201100433             |
|                                                     | <b>NABL ULR No.</b> :TC592622000000285F       |
|                                                     | <b>Customer Ref. No.</b> :Order No.5030010814 |
|                                                     | <b>Letter Dated</b> :29.10.2020               |

|                                                 |                       |
|-------------------------------------------------|-----------------------|
| <b>Test Report as per :</b>                     | : NAAQS 2009          |
| <b>General Information :</b>                    |                       |
| Location of Sampling Point                      | : Near Guest House    |
| Date of Monitoring                              | : 23-12-2021          |
| Time of Monitoring                              | : 11:00 hrs           |
| Purpose of Monitoring                           | : For Self Monitoring |
| Duration of Monitoring, minutes                 | : 1440                |
| Avg. Flow Rate of Sampling, m <sup>3</sup> /min | : 1.33                |
| Volume of air sampled, m <sup>3</sup>           | : 1936.27             |
| Avg. Ambient Temperature, °C                    | : 14                  |

| Description |                                                            |                                |               |              |
|-------------|------------------------------------------------------------|--------------------------------|---------------|--------------|
| Description |                                                            | Ambient Air Quality Monitoring |               |              |
| S.No.       | Parameters                                                 | Method                         | Specification | Result       |
|             | <b>Discipline : Chemical</b>                               |                                |               |              |
|             | <b>Group : Atmospheric Pollution</b>                       |                                |               |              |
| 1.          | <b>Ambient Air Quality Parameters</b>                      |                                |               |              |
| a.          | Sulphur Dioxide(SO <sub>2</sub> ), µg/m <sup>3</sup>       | IS:5182(P-2)                   | 80 Max        | 9.95         |
| b.          | Nitrogen Dioxide(NO <sub>2</sub> ), µg/m <sup>3</sup>      | IS:5182(P-6)                   | 80 Max        | 27.81        |
| c.          | Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>  | IS:5182(P-23)                  | 100 Max       | 85.46        |
| d.          | Particulate matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup> | STP/ITC/EW-01                  | 60 Max        | 37.64        |
| e.          | Ozone(O <sub>3</sub> ), µg/m <sup>3</sup>                  | IS:5182(P-9)                   | 180 Max       | BLQ(LOQ: 14) |

  
Saurabh Sharma  
10-01-2022  
Reviewer

  
10-01-2022  
PremKumar  
[Authorized Signatory]

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## Test Report

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2112311767<br><b>Sample Reg. Date</b> :31-12-2021<br><b>Report Date</b> :10-01-2022<br><b>Report No.</b> :ICE-2201100433<br><b>NABL ULR No.</b> :TC592622000000285F<br><b>Customer Ref. No.:</b> Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

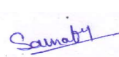
|    |                                                |                                                   |         |              |
|----|------------------------------------------------|---------------------------------------------------|---------|--------------|
| f. | Lead(As Pb),µg/m3                              | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max | BLQ(LOQ:0.1) |
| g. | Carbon Monoxide(CO),mg/m3                      | IS:5182(P-10)                                     | 4 Max   | BLQ(LOQ:1.0) |
| h. | Ammonia(NH3),µg/m3                             | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | BLQ(LOQ:5.0) |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m3 | IS 5182 (Part 11)                                 | 5 Max   | BLQ(LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m3  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5) |
| k. | Arsenic(as As),ng/m3                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0) |
| l. | Nickel(As Ni),ng/m3                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0) |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification,Requirements as per NAAQS 2009, Sampling Procedure - SOP/ITC/EW/056

**REMARKS :**N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
 Saurabh Sharma  
 10-01-2022  
 Reviewer

  
 10-01-2022  
 PremKumar  
 [Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
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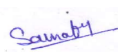
## Test Report

Document QF : 2501

|                                                     |                                               |
|-----------------------------------------------------|-----------------------------------------------|
| <b>Issued To</b>                                    | <b>Sample Reg. No.</b> :E01-2112311769        |
| Jhajjar Power Limited                               | <b>Sample Reg. Date</b> :31-12-2021           |
| Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar | <b>Report Date</b> :10-01-2022                |
| Jhajjar                                             | <b>Report No.</b> :ICE-2201100434             |
|                                                     | <b>NABL ULR No.</b> :TC592622000000287F       |
|                                                     | <b>Customer Ref. No.</b> :Order No.5030010814 |
|                                                     | <b>Letter Dated</b> :29.10.2020               |

|                                                 |                       |
|-------------------------------------------------|-----------------------|
| <b>Test Report as per :</b>                     | : NAAQS 2009          |
| <b>General Information :</b>                    |                       |
| Location of Sampling Point                      | : Village- Khanpur    |
| Date of Monitoring                              | : 23-12-2021          |
| Time of Monitoring                              | : 10:30 hrs           |
| Purpose of Monitoring                           | : For Self Monitoring |
| Duration of Monitoring, minutes                 | : 1440                |
| Avg. Flow Rate of Sampling, m <sup>3</sup> /min | : 1.33                |
| Volume of air sampled, m <sup>3</sup>           | : 1943.04             |
| Avg. Ambient Temperature, °C                    | : 13                  |

| Description |                                                            |                                |               |              |
|-------------|------------------------------------------------------------|--------------------------------|---------------|--------------|
| Description |                                                            | Ambient Air Quality Monitoring |               |              |
| S.No.       | Parameters                                                 | Method                         | Specification | Result       |
|             | <b>Discipline : Chemical</b>                               |                                |               |              |
|             | <b>Group : Atmospheric Pollution</b>                       |                                |               |              |
| 1.          | <b>Ambient Air Quality Parameters</b>                      |                                |               |              |
| a.          | Sulphur Dioxide(SO <sub>2</sub> ), µg/m <sup>3</sup>       | IS:5182(P-2)                   | 80 Max        | 19.28        |
| b.          | Nitrogen Dioxide(NO <sub>2</sub> ), µg/m <sup>3</sup>      | IS:5182(P-6)                   | 80 Max        | 31.78        |
| c.          | Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>  | IS:5182(P-23)                  | 100 Max       | 92.36        |
| d.          | Particulate matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup> | STP/ITC/EW-01                  | 60 Max        | 50.48        |
| e.          | Ozone(O <sub>3</sub> ), µg/m <sup>3</sup>                  | IS:5182(P-9)                   | 180 Max       | BLQ(LOQ: 14) |

  
Saurabh Sharma  
10-01-2022  
Reviewer

  
10-01-2022  
PremKumar  
[Authorized Signatory]

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## Test Report

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
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|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

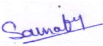
|    |                                                |                                                   |         |               |
|----|------------------------------------------------|---------------------------------------------------|---------|---------------|
| f. | Lead(As Pb),µg/m3                              | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max | BLQ(LOQ:0.1)  |
| g. | Carbon Monoxide(CO),mg/m3                      | IS:5182(P-10)                                     | 4 Max   | 1.6           |
| h. | Ammonia(NH3),µg/m3                             | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | 16.87         |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m3 | IS 5182 (Part 11)                                 | 5 Max   | BLQ(LOQ: 1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m3  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m3                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m3                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification,Requirements as per NAAQS 2009, Sampling Procedure - SOP/ITC/EW/056

**REMARKS :**N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
 Saurabh Sharma  
 10-01-2022  
 Reviewer

  
 10-01-2022  
 PremKumar  
 [Authorized Signatory]

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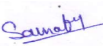
## Test Report

Document QF : 2501

|                                                     |                                               |
|-----------------------------------------------------|-----------------------------------------------|
| <b>Issued To</b>                                    | <b>Sample Reg. No.</b> :E01-2112311770        |
| Jhajjar Power Limited                               | <b>Sample Reg. Date</b> :31-12-2021           |
| Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar | <b>Report Date</b> :10-01-2022                |
| Jhajjar                                             | <b>Report No.</b> :ICE-2201100438             |
|                                                     | <b>NABL ULR No.</b> :TC592622000000293F       |
|                                                     | <b>Customer Ref. No.</b> :Order No.5030010814 |
|                                                     | <b>Letter Dated</b> :29.10.2020               |

|                                                 |                       |
|-------------------------------------------------|-----------------------|
| <b>Test Report as per :</b>                     | : NAAQS 2009          |
| <b>General Information :</b>                    |                       |
| Location of Sampling Point                      | : Near Shakti Vihar   |
| Date of Monitoring                              | : 23-12-2021          |
| Time of Monitoring                              | : 11:30 hrs           |
| Purpose of Monitoring                           | : For Self Monitoring |
| Duration of Monitoring, minutes                 | : 1440                |
| Avg. Flow Rate of Sampling, m <sup>3</sup> /min | : 1.32                |
| Volume of air sampled, m <sup>3</sup>           | : 1921.71             |
| Avg. Ambient Temperature, °C                    | : 14                  |

| Description |                                                            |                                |               |              |
|-------------|------------------------------------------------------------|--------------------------------|---------------|--------------|
| Description |                                                            | Ambient Air Quality Monitoring |               |              |
| S.No.       | Parameters                                                 | Method                         | Specification | Result       |
|             | <b>Discipline : Chemical</b>                               |                                |               |              |
|             | <b>Group : Atmospheric Pollution</b>                       |                                |               |              |
| 1.          | <b>Ambient Air Quality Parameters</b>                      |                                |               |              |
| a.          | Sulphur Dioxide(SO <sub>2</sub> ), µg/m <sup>3</sup>       | IS:5182(P-2)                   | 80 Max        | 8.11         |
| b.          | Nitrogen Dioxide(NO <sub>2</sub> ), µg/m <sup>3</sup>      | IS:5182(P-6)                   | 80 Max        | 19.93        |
| c.          | Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>  | IS:5182(P-23)                  | 100 Max       | 91.27        |
| d.          | Particulate matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup> | STP/ITC/EW-01                  | 60 Max        | 37.54        |
| e.          | Ozone(O <sub>3</sub> ), µg/m <sup>3</sup>                  | IS:5182(P-9)                   | 180 Max       | BLQ(LOQ: 14) |

  
Saurabh Sharma  
10-01-2022  
Reviewer

  
10-01-2022  
PremKumar  
[Authorized Signatory]

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## Test Report

Document QF : 2501

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2112311770<br><b>Sample Reg. Date</b> :31-12-2021<br><b>Report Date</b> :10-01-2022<br><b>Report No.</b> :ICE-2201100438<br><b>NABL ULR No.</b> :TC592622000000293F<br><b>Customer Ref. No.:</b> Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

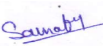
|    |                                                |                                                   |         |              |
|----|------------------------------------------------|---------------------------------------------------|---------|--------------|
| f. | Lead(As Pb),µg/m3                              | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max | BLQ(LOQ:0.1) |
| g. | Carbon Monoxide(CO),mg/m3                      | IS:5182(P-10)                                     | 4 Max   | BLQ(LOQ:1.0) |
| h. | Ammonia(NH3),µg/m3                             | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | BLQ(LOQ:5.0) |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m3 | IS 5182 (Part 11)                                 | 5 Max   | BLQ(LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m3  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5) |
| k. | Arsenic(as As),ng/m3                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0) |
| l. | Nickel(As Ni),ng/m3                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0) |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification,Requirements as per NAAQS 2009, Sampling Procedure - SOP/ITC/EW/056

**REMARKS :**N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
 Saurabh Sharma  
 10-01-2022  
 Reviewer

  
 10-01-2022  
 PremKumar  
 [Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
 86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
 Panchkula-134109 (Haryana)  
 Phone : (O) 0172-2561543, 2565825  
 Email : customersupport@itclabs.com  
 Visit us :www.itclabs.com

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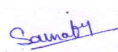
## Test Report

Document QF : 2501

|                                                     |                                               |
|-----------------------------------------------------|-----------------------------------------------|
| <b>Issued To</b>                                    | <b>Sample Reg. No.</b> :E01-2112311772        |
| Jhajjar Power Limited                               | <b>Sample Reg. Date</b> :31-12-2021           |
| Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar | <b>Report Date</b> :10-01-2022                |
| Jhajjar                                             | <b>Report No.</b> :ICE-2201100437             |
|                                                     | <b>NABL ULR No.</b> :TC592622000000295F       |
|                                                     | <b>Customer Ref. No.</b> :Order No.5030010814 |
|                                                     | <b>Letter Dated</b> :29.10.2020               |

|                                   |                       |
|-----------------------------------|-----------------------|
| <b>Test Report as per :</b>       | : NAAQS 2009          |
| <b>General Information :</b>      |                       |
| Location of Sampling Point        | : Near Gate No.3      |
| Date of Monitoring                | : 27-12-2021          |
| Time of Monitoring                | : 10:40 hrs           |
| Purpose of Monitoring             | : For Self Monitoring |
| Duration of Monitoring,minutes    | : 1440                |
| Avg. Flow Rate of Sampling,m3/min | : 1.33                |
| Volume of air sampled,m3          | : 1943.04             |
| Avg. Ambient Temperature,°C       | : 13                  |

| Description |                                                           |                                |               |              |
|-------------|-----------------------------------------------------------|--------------------------------|---------------|--------------|
| Description |                                                           | Ambient Air Quality Monitoring |               |              |
| S.No.       | Parameters                                                | Method                         | Specification | Result       |
|             | <b>Discipline : Chemical</b>                              |                                |               |              |
|             | <b>Group : Atmospheric Pollution</b>                      |                                |               |              |
| 1.          | <b>Ambient Air Quality Parameters</b>                     |                                |               |              |
| a.          | Sulphur Dioxide(SO <sub>2</sub> ),µg/m <sup>3</sup>       | IS:5182(P-2)                   | 80 Max        | 22.16        |
| b.          | Nitrogen Dioxide(NO <sub>2</sub> ),µg/m <sup>3</sup>      | IS:5182(P-6)                   | 80 Max        | 30.98        |
| c.          | Particulate Matter (PM <sub>10</sub> ),µg/m <sup>3</sup>  | IS:5182(P-23)                  | 100 Max       | 103.65       |
| d.          | Particulate matter (PM <sub>2.5</sub> ),µg/m <sup>3</sup> | STP/ITC/EW-01                  | 60 Max        | 51.35        |
| e.          | Ozone(O <sub>3</sub> ),µg/m <sup>3</sup>                  | IS:5182(P-9)                   | 180 Max       | BLQ(LOQ: 14) |

  
Saurabh Sharma  
10-01-2022  
Reviewer

  
10-01-2022  
PremKumar  
[Authorized Signatory]

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## Test Report

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2112311772<br><b>Sample Reg. Date</b> :31-12-2021<br><b>Report Date</b> :10-01-2022<br><b>Report No.</b> :ICE-2201100437<br><b>NABL ULR No.</b> :TC592622000000295F<br><b>Customer Ref. No.:</b> Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

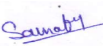
|    |                                                |                                                   |         |              |
|----|------------------------------------------------|---------------------------------------------------|---------|--------------|
| f. | Lead(As Pb),µg/m3                              | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max | BLQ(LOQ:0.1) |
| g. | Carbon Monoxide(CO),mg/m3                      | IS:5182(P-10)                                     | 4 Max   | 1.4          |
| h. | Ammonia(NH3),µg/m3                             | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | 15.39        |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m3 | IS 5182 (Part 11)                                 | 5 Max   | BLQ(LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m3  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5) |
| k. | Arsenic(as As),ng/m3                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0) |
| l. | Nickel(As Ni),ng/m3                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0) |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification,Requirements as per NAAQS 2009, Sampling Procedure - SOP/ITC/EW/056

**REMARKS :**N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
 Saurabh Sharma  
 10-01-2022  
 Reviewer

  
 10-01-2022  
 PremKumar  
 [Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
 86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
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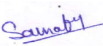
## Test Report

Document QF : 2501

|                                                     |                                               |
|-----------------------------------------------------|-----------------------------------------------|
| <b>Issued To</b>                                    | <b>Sample Reg. No.</b> :E01-2112311771        |
| Jhajjar Power Limited                               | <b>Sample Reg. Date</b> :31-12-2021           |
| Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar | <b>Report Date</b> :10-01-2022                |
| Jhajjar                                             | <b>Report No.</b> :ICE-2201100435             |
|                                                     | <b>NABL ULR No.</b> :TC592622000000294F       |
|                                                     | <b>Customer Ref. No.</b> :Order No.5030010814 |
|                                                     | <b>Letter Dated</b> :29.10.2020               |

|                                                 |                       |
|-------------------------------------------------|-----------------------|
| <b>Test Report as per :</b>                     | : NAAQS 2009          |
| <b>General Information :</b>                    |                       |
| Location of Sampling Point                      | : Near Guest House    |
| Date of Monitoring                              | : 27-12-2021          |
| Time of Monitoring                              | : 10:50 hrs           |
| Purpose of Monitoring                           | : For Self Monitoring |
| Duration of Monitoring, minutes                 | : 1440                |
| Avg. Flow Rate of Sampling, m <sup>3</sup> /min | : 1.33                |
| Volume of air sampled, m <sup>3</sup>           | : 1963.04             |
| Avg. Ambient Temperature, °C                    | : 12                  |

| Description |                                                            |                                |               |              |
|-------------|------------------------------------------------------------|--------------------------------|---------------|--------------|
| Description |                                                            | Ambient Air Quality Monitoring |               |              |
| S.No.       | Parameters                                                 | Method                         | Specification | Result       |
|             | <b>Discipline : Chemical</b>                               |                                |               |              |
|             | <b>Group : Atmospheric Pollution</b>                       |                                |               |              |
| 1.          | <b>Ambient Air Quality Parameters</b>                      |                                |               |              |
| a.          | Sulphur Dioxide(SO <sub>2</sub> ), µg/m <sup>3</sup>       | IS:5182(P-2)                   | 80 Max        | 11.74        |
| b.          | Nitrogen Dioxide(NO <sub>2</sub> ), µg/m <sup>3</sup>      | IS:5182(P-6)                   | 80 Max        | 20.23        |
| c.          | Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>  | IS:5182(P-23)                  | 100 Max       | 89.95        |
| d.          | Particulate matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup> | STP/ITC/EW-01                  | 60 Max        | 35.54        |
| e.          | Ozone(O <sub>3</sub> ), µg/m <sup>3</sup>                  | IS:5182(P-9)                   | 180 Max       | BLQ(LOQ: 14) |

  
Saurabh Sharma  
10-01-2022  
Reviewer

  
10-01-2022  
PremKumar  
[Authorized Signatory]

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2112311771<br><b>Sample Reg. Date</b> :31-12-2021<br><b>Report Date</b> :10-01-2022<br><b>Report No.</b> :ICE-2201100435<br><b>NABL ULR No.</b> :TC592622000000294F<br><b>Customer Ref. No.:</b> Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

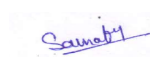
|    |                                                |                                                   |         |               |
|----|------------------------------------------------|---------------------------------------------------|---------|---------------|
| f. | Lead(As Pb),µg/m3                              | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max | BLQ(LOQ:0.1)  |
| g. | Carbon Monoxide(CO),mg/m3                      | IS:5182(P-10)                                     | 4 Max   | BLQ(LOQ: 1.0) |
| h. | Ammonia(NH3),µg/m3                             | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | BLQ(LOQ: 5.0) |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m3 | IS 5182 (Part 11)                                 | 5 Max   | BLQ(LOQ: 1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m3  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m3                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m3                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification,Requirements as per NAAQS 2009, Sampling Procedure - SOP/ITC/EW/056

**REMARKS :**N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
 Saurabh Sharma  
 10-01-2022  
 Reviewer

  
 10-01-2022  
 PremKumar  
 [Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
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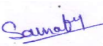
## Test Report

Document QF : 2501

|                                                     |                                               |
|-----------------------------------------------------|-----------------------------------------------|
| <b>Issued To</b>                                    | <b>Sample Reg. No.</b> :E01-2112311773        |
| Jhajjar Power Limited                               | <b>Sample Reg. Date</b> :31-12-2021           |
| Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar | <b>Report Date</b> :10-01-2022                |
| Jhajjar                                             | <b>Report No.</b> :ICE-2201100439             |
|                                                     | <b>NABL ULR No.</b> :TC592622000000296F       |
|                                                     | <b>Customer Ref. No.</b> :Order No.5030010814 |
|                                                     | <b>Letter Dated</b> :29.10.2020               |

|                                                 |                       |
|-------------------------------------------------|-----------------------|
| <b>Test Report as per :</b>                     | : NAAQS 2009          |
| <b>General Information :</b>                    |                       |
| Location of Sampling Point                      | : Village- Khanpur    |
| Date of Monitoring                              | : 27-12-2021          |
| Time of Monitoring                              | : 10:30 hrs           |
| Purpose of Monitoring                           | : For Self Monitoring |
| Duration of Monitoring, minutes                 | : 1440                |
| Avg. Flow Rate of Sampling, m <sup>3</sup> /min | : 1.33                |
| Volume of air sampled, m <sup>3</sup>           | : 1943.04             |
| Avg. Ambient Temperature, °C                    | : 13                  |

| Description |                                                            |                                |               |             |
|-------------|------------------------------------------------------------|--------------------------------|---------------|-------------|
| Description |                                                            | Ambient Air Quality Monitoring |               |             |
| S.No.       | Parameters                                                 | Method                         | Specification | Result      |
|             | <b>Discipline : Chemical</b>                               |                                |               |             |
|             | <b>Group : Atmospheric Pollution</b>                       |                                |               |             |
| 1.          | <b>Ambient Air Quality Parameters</b>                      |                                |               |             |
| a.          | Sulphur Dioxide(SO <sub>2</sub> ), µg/m <sup>3</sup>       | IS:5182(P-2)                   | 80 Max        | 14.74       |
| b.          | Nitrogen Dioxide(NO <sub>2</sub> ), µg/m <sup>3</sup>      | IS:5182(P-6)                   | 80 Max        | 33.81       |
| c.          | Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>  | IS:5182(P-23)                  | 100 Max       | 96.35       |
| d.          | Particulate matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup> | STP/ITC/EW-01                  | 60 Max        | 53.29       |
| e.          | Ozone(O <sub>3</sub> ), µg/m <sup>3</sup>                  | IS:5182(P-9)                   | 180 Max       | BLQ(LOQ:14) |

  
Saurabh Sharma  
10-01-2022  
Reviewer

  
10-01-2022  
PremKumar  
[Authorized Signatory]

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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2112311773<br><b>Sample Reg. Date</b> :31-12-2021<br><b>Report Date</b> :10-01-2022<br><b>Report No.</b> :ICE-2201100439<br><b>NABL ULR No.</b> :TC592622000000296F<br><b>Customer Ref. No.:</b> Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

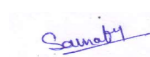
|    |                                                |                                                   |         |               |
|----|------------------------------------------------|---------------------------------------------------|---------|---------------|
| f. | Lead(As Pb),µg/m3                              | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max | BLQ(LOQ:0.1)  |
| g. | Carbon Monoxide(CO),mg/m3                      | IS:5182(P-10)                                     | 4 Max   | 1.3           |
| h. | Ammonia(NH3),µg/m3                             | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | 15.36         |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m3 | IS 5182 (Part 11)                                 | 5 Max   | BLQ(LOQ: 5.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m3  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m3                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m3                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification,Requirements as per NAAQS 2009, Sampling Procedure - SOP/ITC/EW/056

**REMARKS :**N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
 Saurabh Sharma  
 10-01-2022  
 Reviewer

  
 10-01-2022  
 PremKumar  
 [Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
 86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
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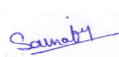
## Test Report

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|                                                     |                                               |
|-----------------------------------------------------|-----------------------------------------------|
| <b>Issued To</b>                                    | <b>Sample Reg. No.</b> :E01-2112311774        |
| Jhajjar Power Limited                               | <b>Sample Reg. Date</b> :31-12-2021           |
| Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar | <b>Report Date</b> :10-01-2022                |
| Jhajjar                                             | <b>Report No.</b> :ICE-2201100440             |
|                                                     | <b>NABL ULR No.</b> :TC592622000000292F       |
|                                                     | <b>Customer Ref. No.:</b> Order No.5030010814 |
|                                                     | <b>Letter Dated</b> :29.10.2020               |

|                                                 |                       |
|-------------------------------------------------|-----------------------|
| <b>Test Report as per :</b>                     | : NAAQS 2009          |
| <b>General Information :</b>                    |                       |
| Location of Sampling Point                      | : Near Shakti Vihar   |
| Date of Monitoring                              | : 27-12-2021          |
| Time of Monitoring                              | : 11:00 hrs           |
| Purpose of Monitoring                           | : For Self Monitoring |
| Duration of Monitoring, minutes                 | : 1440                |
| Avg. Flow Rate of Sampling, m <sup>3</sup> /min | : 1.32                |
| Volume of air sampled, m <sup>3</sup>           | : 1928.43             |
| Avg. Ambient Temperature, °C                    | : 13                  |

| Description |                                                            |                                |               |              |
|-------------|------------------------------------------------------------|--------------------------------|---------------|--------------|
| Description |                                                            | Ambient Air Quality Monitoring |               |              |
| S.No.       | Parameters                                                 | Method                         | Specification | Result       |
|             | <b>Discipline : Chemical</b>                               |                                |               |              |
|             | <b>Group : Atmospheric Pollution</b>                       |                                |               |              |
| 1.          | <b>Ambient Air Quality Parameters</b>                      |                                |               |              |
| a.          | Sulphur Dioxide(SO <sub>2</sub> ), µg/m <sup>3</sup>       | IS:5182(P-2)                   | 80 Max        | 8.08         |
| b.          | Nitrogen Dioxide(NO <sub>2</sub> ), µg/m <sup>3</sup>      | IS:5182(P-6)                   | 80 Max        | 16.88        |
| c.          | Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>  | IS:5182(P-23)                  | 100 Max       | 90.57        |
| d.          | Particulate matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup> | STP/ITC/EW-01                  | 60 Max        | 41.85        |
| e.          | Ozone(O <sub>3</sub> ), µg/m <sup>3</sup>                  | IS:5182(P-9)                   | 180 Max       | BLQ(LOQ: 14) |

  
Saurabh Sharma  
10-01-2022  
Reviewer

  
10-01-2022  
PremKumar  
[Authorized Signatory]

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## Test Report

Document QF : 2501

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2112311774<br><b>Sample Reg. Date</b> :31-12-2021<br><b>Report Date</b> :10-01-2022<br><b>Report No.</b> :ICE-2201100440<br><b>NABL ULR No.</b> :TC592622000000292F<br><b>Customer Ref. No.:</b> Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

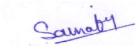
|    |                                                |                                                   |         |              |
|----|------------------------------------------------|---------------------------------------------------|---------|--------------|
| f. | Lead(As Pb),µg/m3                              | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max | BLQ(LOQ:0.1) |
| g. | Carbon Monoxide(CO),mg/m3                      | IS:5182(P-10)                                     | 4 Max   | BLQ(LOQ:1.0) |
| h. | Ammonia(NH3),µg/m3                             | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | BLQ(LOQ:5.0) |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m3 | IS 5182 (Part 11)                                 | 5 Max   | BLQ(LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m3  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5) |
| k. | Arsenic(as As),ng/m3                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0) |
| l. | Nickel(As Ni),ng/m3                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0) |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification,Requirements as per NAAQS 2009, Sampling Procedure - SOP/ITC/EW/056

**REMARKS :**N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
 Saurabh Sharma  
 10-01-2022  
 Reviewer

  
 10-01-2022  
 PremKumar  
 [Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
 86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
 Panchkula-134109 (Haryana)  
 Phone : (O) 0172-2561543, 2565825  
 Email : customersupport@itclabs.com  
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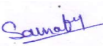
## Test Report

Document QF : 2501

|                                                     |                                               |
|-----------------------------------------------------|-----------------------------------------------|
| <b>Issued To</b>                                    | <b>Sample Reg. No.</b> :E01-2112311776        |
| Jhajjar Power Limited                               | <b>Sample Reg. Date</b> :31-12-2021           |
| Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar | <b>Report Date</b> :10-01-2022                |
| Jhajjar                                             | <b>Report No.</b> :ICE-2201100442             |
|                                                     | <b>NABL ULR No.</b> :TC592622000000290F       |
|                                                     | <b>Customer Ref. No.</b> :Order No.5030010814 |
|                                                     | <b>Letter Dated</b> :29.10.2020               |

|                                   |                       |
|-----------------------------------|-----------------------|
| <b>Test Report as per :</b>       | : NAAQS 2009          |
| <b>General Information :</b>      |                       |
| Location of Sampling Point        | : Near Gate No.3      |
| Date of Monitoring                | : 30.12-2021          |
| Time of Monitoring                | : 12:40 hrs           |
| Purpose of Monitoring             | : For Self Monitoring |
| Duration of Monitoring,minutes    | : 1440                |
| Avg. Flow Rate of Sampling,m3/min | : 1.28                |
| Volume of air sampled,m3          | : 1853.09             |
| Avg. Ambient Temperature,°C       | : 16                  |

| Description |                                                           |                                |               |             |
|-------------|-----------------------------------------------------------|--------------------------------|---------------|-------------|
| Description |                                                           | Ambient Air Quality Monitoring |               |             |
| S.No.       | Parameters                                                | Method                         | Specification | Result      |
|             | <b>Discipline : Chemical</b>                              |                                |               |             |
|             | <b>Group : Atmospheric Pollution</b>                      |                                |               |             |
| 1.          | <b>Ambient Air Quality Parameters</b>                     |                                |               |             |
| a.          | Sulphur Dioxide(SO <sub>2</sub> ),µg/m <sup>3</sup>       | IS:5182(P-2)                   | 80 Max        | 12.35       |
| b.          | Nitrogen Dioxide(NO <sub>2</sub> ),µg/m <sup>3</sup>      | IS:5182(P-6)                   | 80 Max        | 23.58       |
| c.          | Particulate Matter (PM <sub>10</sub> ),µg/m <sup>3</sup>  | IS:5182(P-23)                  | 100 Max       | 96.30       |
| d.          | Particulate matter (PM <sub>2.5</sub> ),µg/m <sup>3</sup> | STP/ITC/EW-01                  | 60 Max        | 50.21       |
| e.          | Ozone(O <sub>3</sub> ),µg/m <sup>3</sup>                  | IS:5182(P-9)                   | 180 Max       | BLQ(LOQ:14) |

  
Saurabh Sharma  
10-01-2022  
Reviewer

  
10-01-2022  
PremKumar  
[Authorized Signatory]

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## Test Report

Document QF : 2501

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2112311776<br><b>Sample Reg. Date</b> :31-12-2021<br><b>Report Date</b> :10-01-2022<br><b>Report No.</b> :ICE-2201100442<br><b>NABL ULR No.</b> :TC592622000000290F<br><b>Customer Ref. No.:</b> Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

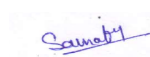
|    |                                                |                                                   |         |              |
|----|------------------------------------------------|---------------------------------------------------|---------|--------------|
| f. | Lead(As Pb),µg/m3                              | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max | BLQ(LOQ:0.1) |
| g. | Carbon Monoxide(CO),mg/m3                      | IS:5182(P-10)                                     | 4 Max   | 1.1          |
| h. | Ammonia(NH3),µg/m3                             | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | 18.25        |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m3 | IS 5182 (Part 11)                                 | 5 Max   | BLQ(LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m3  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5) |
| k. | Arsenic(as As),ng/m3                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0) |
| l. | Nickel(As Ni),ng/m3                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0) |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification,Requirements as per NAAQS 2009, Sampling Procedure - SOP/ITC/EW/056

**REMARKS :**N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
 Saurabh Sharma  
 10-01-2022  
 Reviewer

  
 10-01-2022  
 PremKumar  
 [Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
 86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
 Panchkula-134109 (Haryana)  
 Phone : (O) 0172-2561543, 2565825  
 Email : customersupport@itclabs.com  
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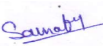
## Test Report

Document QF : 2501

|                                                     |                                               |
|-----------------------------------------------------|-----------------------------------------------|
| <b>Issued To</b>                                    | <b>Sample Reg. No.</b> :E01-2112311775        |
| Jhajjar Power Limited                               | <b>Sample Reg. Date</b> :31-12-2021           |
| Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar | <b>Report Date</b> :10-01-2022                |
| Jhajjar                                             | <b>Report No.</b> :ICE-2201100441             |
|                                                     | <b>NABL ULR No.</b> :TC592622000000291F       |
|                                                     | <b>Customer Ref. No.</b> :Order No.5030010814 |
|                                                     | <b>Letter Dated</b> :29.10.2020               |

|                                                 |                       |
|-------------------------------------------------|-----------------------|
| <b>Test Report as per :</b>                     | : NAAQS 2009          |
| <b>General Information :</b>                    |                       |
| Location of Sampling Point                      | : Near Guest House    |
| Date of Monitoring                              | : 30-12-2021          |
| Time of Monitoring                              | : 11:30 hrs           |
| Purpose of Monitoring                           | : For Self Monitoring |
| Duration of Monitoring, minutes                 | : 1440                |
| Avg. Flow Rate of Sampling, m <sup>3</sup> /min | : 1.28                |
| Volume of air sampled, m <sup>3</sup>           | : 1855.17             |
| Avg. Ambient Temperature, °C                    | : 11                  |

| Description |                                                            |                                |               |              |
|-------------|------------------------------------------------------------|--------------------------------|---------------|--------------|
| Description |                                                            | Ambient Air Quality Monitoring |               |              |
| S.No.       | Parameters                                                 | Method                         | Specification | Result       |
|             | <b>Discipline : Chemical</b>                               |                                |               |              |
|             | <b>Group : Atmospheric Pollution</b>                       |                                |               |              |
| 1.          | <b>Ambient Air Quality Parameters</b>                      |                                |               |              |
| a.          | Sulphur Dioxide(SO <sub>2</sub> ), µg/m <sup>3</sup>       | IS:5182(P-2)                   | 80 Max        | 9.11         |
| b.          | Nitrogen Dioxide(NO <sub>2</sub> ), µg/m <sup>3</sup>      | IS:5182(P-6)                   | 80 Max        | 19.93        |
| c.          | Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>  | IS:5182(P-23)                  | 100 Max       | 90.17        |
| d.          | Particulate matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup> | STP/ITC/EW-01                  | 60 Max        | 37.54        |
| e.          | Ozone(O <sub>3</sub> ), µg/m <sup>3</sup>                  | IS:5182(P-9)                   | 180 Max       | BLQ(LOQ: 14) |

  
Saurabh Sharma  
10-01-2022  
Reviewer

  
10-01-2022  
PremKumar  
[Authorized Signatory]

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## Test Report

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2112311775<br><b>Sample Reg. Date</b> :31-12-2021<br><b>Report Date</b> :10-01-2022<br><b>Report No.</b> :ICE-2201100441<br><b>NABL ULR No.</b> :TC592622000000291F<br><b>Customer Ref. No.:</b> Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

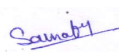
|    |                                                |                                                   |         |               |
|----|------------------------------------------------|---------------------------------------------------|---------|---------------|
| f. | Lead(As Pb),µg/m3                              | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max | BLQ(LOQ:0.1)  |
| g. | Carbon Monoxide(CO),mg/m3                      | IS:5182(P-10)                                     | 4 Max   | BLQ(LOQ: 1.0) |
| h. | Ammonia(NH3),µg/m3                             | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | BLQ(LOQ: 5.0) |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m3 | IS 5182 (Part 11)                                 | 5 Max   | BLQ(LOQ:1.0)  |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m3  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5)  |
| k. | Arsenic(as As),ng/m3                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0)  |
| l. | Nickel(As Ni),ng/m3                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0)  |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification,Requirements as per NAAQS 2009, Sampling Procedure - SOP/ITC/EW/056

**REMARKS :**N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
 Saurabh Sharma  
 10-01-2022  
 Reviewer

  
 10-01-2022  
 PremKumar  
 [Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
 86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
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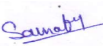
## Test Report

Document QF : 2501

|                                                     |                                               |
|-----------------------------------------------------|-----------------------------------------------|
| <b>Issued To</b>                                    | <b>Sample Reg. No.</b> :E01-2112311777        |
| Jhajjar Power Limited                               | <b>Sample Reg. Date</b> :31-12-2021           |
| Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar | <b>Report Date</b> :10-01-2022                |
| Jhajjar                                             | <b>Report No.</b> :ICE-2201100443             |
|                                                     | <b>NABL ULR No.</b> :TC592622000000289F       |
|                                                     | <b>Customer Ref. No.</b> :Order No.5030010814 |
|                                                     | <b>Letter Dated</b> :29.10.2020               |

|                                                 |                       |
|-------------------------------------------------|-----------------------|
| <b>Test Report as per :</b>                     | : NAAQS 2009          |
| <b>General Information :</b>                    |                       |
| Location of Sampling Point                      | : Village- Khanpur    |
| Date of Monitoring                              | : 30-12-2021          |
| Time of Monitoring                              | : 10:30 hrs           |
| Purpose of Monitoring                           | : For Self Monitoring |
| Duration of Monitoring, minutes                 | : 1440                |
| Avg. Flow Rate of Sampling, m <sup>3</sup> /min | : 1.27                |
| Volume of air sampled, m <sup>3</sup>           | : 1857.89             |
| Avg. Ambient Temperature, °C                    | : 13                  |

| Description |                                                            |                                |               |             |
|-------------|------------------------------------------------------------|--------------------------------|---------------|-------------|
| Description |                                                            | Ambient Air Quality Monitoring |               |             |
| S.No.       | Parameters                                                 | Method                         | Specification | Result      |
|             | <b>Discipline : Chemical</b>                               |                                |               |             |
|             | <b>Group : Atmospheric Pollution</b>                       |                                |               |             |
| 1.          | <b>Ambient Air Quality Parameters</b>                      |                                |               |             |
| a.          | Sulphur Dioxide(SO <sub>2</sub> ), µg/m <sup>3</sup>       | IS:5182(P-2)                   | 80 Max        | 10.24       |
| b.          | Nitrogen Dioxide(NO <sub>2</sub> ), µg/m <sup>3</sup>      | IS:5182(P-6)                   | 80 Max        | 19.35       |
| c.          | Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>  | IS:5182(P-23)                  | 100 Max       | 87.69       |
| d.          | Particulate matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup> | STP/ITC/EW-01                  | 60 Max        | 50.28       |
| e.          | Ozone(O <sub>3</sub> ), µg/m <sup>3</sup>                  | IS:5182(P-9)                   | 180 Max       | BLQ(LOQ:14) |

  
Saurabh Sharma  
10-01-2022  
Reviewer

  
10-01-2022  
PremKumar  
[Authorized Signatory]

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## Test Report

Document QF : 2501

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2112311777<br><b>Sample Reg. Date</b> :31-12-2021<br><b>Report Date</b> :10-01-2022<br><b>Report No.</b> :ICE-2201100443<br><b>NABL ULR No.</b> :TC592622000000289F<br><b>Customer Ref. No.:</b> Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

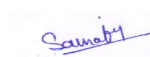
|    |                                                |                                                   |         |              |
|----|------------------------------------------------|---------------------------------------------------|---------|--------------|
| f. | Lead(As Pb),µg/m3                              | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max | BLQ(LOQ:0.1) |
| g. | Carbon Monoxide(CO),mg/m3                      | IS:5182(P-10)                                     | 4 Max   | 1.1          |
| h. | Ammonia(NH3),µg/m3                             | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | 14.25        |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m3 | IS 5182 (Part 11)                                 | 5 Max   | BLQ(LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m3  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5) |
| k. | Arsenic(as As),ng/m3                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0) |
| l. | Nickel(As Ni),ng/m3                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0) |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification,Requirements as per NAAQS 2009, Sampling Procedure - SOP/ITC/EW/056

**REMARKS :**N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
 Saurabh Sharma  
 10-01-2022  
 Reviewer

  
 10-01-2022  
 PremKumar  
 [Authorized Signatory]

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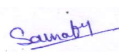
## Test Report

Document QF : 2501

|                                                     |                                               |
|-----------------------------------------------------|-----------------------------------------------|
| <b>Issued To</b>                                    | <b>Sample Reg. No.</b> :E01-2112311778        |
| Jhajjar Power Limited                               | <b>Sample Reg. Date</b> :31-12-2021           |
| Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar | <b>Report Date</b> :10-01-2022                |
| Jhajjar                                             | <b>Report No.</b> :ICE-2201100444             |
|                                                     | <b>NABL ULR No.</b> :TC592622000000288F       |
|                                                     | <b>Customer Ref. No.</b> :Order No.5030010814 |
|                                                     | <b>Letter Dated</b> :29.10.2020               |

|                                                 |                       |
|-------------------------------------------------|-----------------------|
| <b>Test Report as per :</b>                     | : NAAQS 2009          |
| <b>General Information :</b>                    |                       |
| Location of Sampling Point                      | : Near Shakti Vihar   |
| Date of Monitoring                              | : 30-12-2021          |
| Time of Monitoring                              | : 12:10 hrs           |
| Purpose of Monitoring                           | : For Self Monitoring |
| Duration of Monitoring, minutes                 | : 1440                |
| Avg. Flow Rate of Sampling, m <sup>3</sup> /min | : 1.27                |
| Volume of air sampled, m <sup>3</sup>           | : 1817.26             |
| Avg. Ambient Temperature, °C                    | : 19                  |

| Description |                                                            |                                |               |             |
|-------------|------------------------------------------------------------|--------------------------------|---------------|-------------|
| Description |                                                            | Ambient Air Quality Monitoring |               |             |
| S.No.       | Parameters                                                 | Method                         | Specification | Result      |
|             | <b>Discipline : Chemical</b>                               |                                |               |             |
|             | <b>Group : Atmospheric Pollution</b>                       |                                |               |             |
| 1.          | <b>Ambient Air Quality Parameters</b>                      |                                |               |             |
| a.          | Sulphur Dioxide(SO <sub>2</sub> ), µg/m <sup>3</sup>       | IS:5182(P-2)                   | 80 Max        | 9.56        |
| b.          | Nitrogen Dioxide(NO <sub>2</sub> ), µg/m <sup>3</sup>      | IS:5182(P-6)                   | 80 Max        | 11.08       |
| c.          | Particulate Matter (PM <sub>10</sub> ), µg/m <sup>3</sup>  | IS:5182(P-23)                  | 100 Max       | 87.77       |
| d.          | Particulate matter (PM <sub>2.5</sub> ), µg/m <sup>3</sup> | STP/ITC/EW-01                  | 60 Max        | 39.14       |
| e.          | Ozone(O <sub>3</sub> ), µg/m <sup>3</sup>                  | IS:5182(P-9)                   | 180 Max       | BLQ(LOQ:14) |

  
Saurabh Sharma  
10-01-2022  
Reviewer

  
10-01-2022  
PremKumar  
[Authorized Signatory]

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## Test Report

Document QF : 2501

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2112311778<br><b>Sample Reg. Date</b> :31-12-2021<br><b>Report Date</b> :10-01-2022<br><b>Report No.</b> :ICE-2201100444<br><b>NABL ULR No.</b> :TC592622000000288F<br><b>Customer Ref. No.:</b> Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

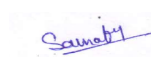
|    |                                                |                                                   |         |              |
|----|------------------------------------------------|---------------------------------------------------|---------|--------------|
| f. | Lead(As Pb),µg/m3                              | Method of Air sampling & Analysis(Method No. 822) | 1.0 Max | BLQ(LOQ:0.1) |
| g. | Carbon Monoxide(CO),mg/m3                      | IS:5182(P-10)                                     | 4 Max   | BLQ(LOQ:1.0) |
| h. | Ammonia(NH3),µg/m3                             | Method of Air Sampling & Analysis(Method No. 401) | 400 Max | BLQ(LOQ:5.0) |
| i. | Benzene (C <sub>6</sub> H <sub>6</sub> ),µg/m3 | IS 5182 (Part 11)                                 | 5 Max   | BLQ(LOQ:1.0) |
| j. | Benzo (a) Pyrene Particulate Phase only,ng/m3  | IS 5182: (Part 12)                                | 1 Max   | BLQ(LOQ:0.5) |
| k. | Arsenic(as As),ng/m3                           | Method of Air sampling & Analysis(Method No. 822) | 6 Max.  | BLQ(LOQ:1.0) |
| l. | Nickel(As Ni),ng/m3                            | Method of Air sampling & Analysis(Method No. 822) | 20 Max. | BLQ(LOQ:1.0) |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification,Requirements as per NAAQS 2009, Sampling Procedure - SOP/ITC/EW/056

**REMARKS :**N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
 Saurabh Sharma  
 10-01-2022  
 Reviewer

  
 10-01-2022  
 PremKumar  
 [Authorized Signatory]

### Disclaimer :

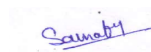
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## Test Report

Document QF : 2501

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2112060183<br><b>Sample Reg. Date</b> :06-12-2021<br><b>Report Date</b> :11-12-2021<br><b>Report No.</b> :ICE-2112110542<br><b>NABL ULR No.</b> :TC592621000014791F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                        |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Test Report as per :</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | : EPA Act 1986/PCLS/2010                                                                                                                                                                                                                                                                                               |
| <b>General Information :</b><br>Date of Monitoring<br>Time of Monitoring<br>Name of the emission source monitored<br>(a) Rated Capacity<br>(b) Capacity on sampling day<br>(c) Type of fuel used & its consumption<br>(d) Normal operating schedule<br>2. Stack Identification<br>3.Type of Stack/Duct<br>4.Stack Height from Ground Level(m)<br>Diameter of the Stack(cm)<br>(6) Sampling Duration(minutes)<br>Purpose of Monitoring<br>(8) Air Pollution control measure<br>(a) Status<br>(b) Recovery of Material<br>(9) Fugitive Emission,if any | : 03-12-2021<br>: 10:00 to 10:25 hrs<br>: Stack Emission of Boiler<br>: 660 MW<br>: 655 MW<br>: Coal & 392 Ton /hr<br>: 24 hrs<br>: Stack attached to Boiler Unit -I ( at 65 meters Height )<br>: Metal<br>: 275<br>: 700<br>: 25<br>: For Self Monitoring<br>: ESP+FF+FGD+Low Nox Burner<br>: Working<br>: -<br>: Nil |
| <b>Observations :</b><br>Flue Gas Temperature, °C,Avg.<br>Flue Gas Velocity(m/s),Avg.<br>Volumetric Flow Rate(Nm <sup>3</sup> /hr.)<br>Ambient Air Temperature, °C                                                                                                                                                                                                                                                                                                                                                                                   | : 54<br>: 22.69<br>: 2716394.97<br>: 19                                                                                                                                                                                                                                                                                |

  
Saurabh Sharma  
11-12-2021  
Reviewer

  
11-12-2021  
PremKumar  
[Authorized Signatory]

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## Test Report

Document QF : 2501

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2112060183<br><b>Sample Reg. Date</b> :06-12-2021<br><b>Report Date</b> :11-12-2021<br><b>Report No.</b> :ICE-2112110542<br><b>NABL ULR No.</b> :TC592621000014791F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

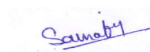
| S.No.     | Parameters                                                                                              | Method          | Specification | Result        |
|-----------|---------------------------------------------------------------------------------------------------------|-----------------|---------------|---------------|
|           | <b>Discipline : Chemical</b>                                                                            |                 |               |               |
|           | <b>Group : Atmospheric Pollution</b>                                                                    |                 |               |               |
| <b>1.</b> | <b>General Parameters</b>                                                                               |                 |               |               |
| a.        | Particulate Matter, mg/Nm <sup>3</sup> (Corrected to 6% O <sub>2</sub> on dry basis)                    | IS:11255(P-1)   | Max. 50       | 26.42         |
| b.        | Sulphur Dioxide (SO <sub>2</sub> ), mg/Nm <sup>3</sup> (Corrected to 6% O <sub>2</sub> on dry basis)    | IS:11255(P-2)   | Max. 200      | 159.59        |
| c.        | Oxides of Nitrogen (NO <sub>x</sub> ), mg/Nm <sup>3</sup> (Corrected to 6% O <sub>2</sub> on dry basis) | IS:11255(P-7)   | Max. 450      | 195.78        |
| d.        | Mercury(As Hg),mg/Nm <sup>3</sup>                                                                       | USEPA Method    | Max. 0.03     | BLQ(LOQ:0.01) |
| e.        | Carbon Monoxide(CO),% v/v                                                                               | IS:13270        | Max. 1.0      | 0.2           |
| f.        | Moisture, % by mass                                                                                     | IS: 11255 (P-3) | Not Specified | 4.0           |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per EPA Act 1986/PCLS/2010 , Sample collected by lab rep. on dated 03.12.2021, Sampling Procedure - SOP/ITC/EW/056

**REMARKS :**N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
11-12-2021  
Reviewer

  
11-12-2021  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
Panchkula-134109 (Haryana)  
Phone : (O) 0172-2561543, 2565825  
Email : customersupport@itclabs.com  
Visit us :www.itclabs.com

### Disclaimer :

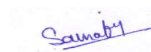
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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2112060184<br><b>Sample Reg. Date</b> :06-12-2021<br><b>Report Date</b> :10-12-2021<br><b>Report No.</b> :ICE-2112100494<br><b>NABL ULR No.</b> :TC592621000014673F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                        |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Test Report as per :</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | : EPA Act 1986/PCLS/2010                                                                                                                                                                                                                                                                                               |
| <b>General Information :</b><br>Date of Monitoring<br>Time of Monitoring<br>Name of the emission source monitored<br>(a) Rated Capacity<br>(b) Capacity on sampling day<br>(c) Type of fuel used & its consumption<br>(d) Normal operating schedule<br>2. Stack Identification<br>3.Type of Stack/Duct<br>4.Stack Height from Ground Level(m)<br>Diameter of the Stack(cm)<br>(6) Sampling Duration(minutes)<br>Purpose of Monitoring<br>(8) Air Pollution control measure<br>(a) Status<br>(b) Recovery of Material<br>(9) Fugitive Emission,if any | : 03-12-2021<br>: 10:35 to 11:02 hrs<br>: Stack Emission of Boiler<br>: 660 MW<br>: 652 MW<br>: Coal & 394 Ton /hr<br>: 24 hrs<br>: Stack attached to Boiler, Unit-II (at 65 meter's height)<br>: Metal<br>: 275<br>: 700<br>: 27<br>: For Self Monitoring<br>: ESP+FF+FGD+Low Nox Burner<br>: Working<br>: -<br>: Nil |
| <b>Observations :</b><br>Flue Gas Temperature, °C,Avg.<br>Flue Gas Velocity(m/s),Avg.<br>Volumetric Flow Rate(Nm <sup>3</sup> /hr.)<br>Ambient Air Temperature, °C                                                                                                                                                                                                                                                                                                                                                                                   | : 55<br>: 20.68<br>: 2587567.03<br>: 20                                                                                                                                                                                                                                                                                |

  
Saurabh Sharma  
10-12-2021  
Reviewer

  
10-12-2021  
PremKumar  
[Authorized Signatory]

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## Test Report

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2112060184<br><b>Sample Reg. Date</b> :06-12-2021<br><b>Report Date</b> :10-12-2021<br><b>Report No.</b> :ICE-2112100494<br><b>NABL ULR No.</b> :TC592621000014673F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

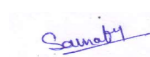
| S.No.     | Parameters                                                                                              | Method          | Specification | Result        |
|-----------|---------------------------------------------------------------------------------------------------------|-----------------|---------------|---------------|
|           | <b>Discipline : Chemical</b>                                                                            |                 |               |               |
|           | <b>Group : Atmospheric Pollution</b>                                                                    |                 |               |               |
| <b>1.</b> | <b>General Parameters</b>                                                                               |                 |               |               |
| a.        | Particulate Matter, mg/Nm <sup>3</sup> (Corrected to 6% O <sub>2</sub> on dry basis)                    | IS:11255(P-1)   | Max. 50       | 23.27         |
| b.        | Sulphur Dioxide (SO <sub>2</sub> ), mg/Nm <sup>3</sup> (Corrected to 6% O <sub>2</sub> on dry basis)    | IS:11255(P-2)   | Max. 200      | 173.25        |
| c.        | Oxides of Nitrogen (NO <sub>x</sub> ), mg/Nm <sup>3</sup> (Corrected to 6% O <sub>2</sub> on dry basis) | IS:11255(P-7)   | Max. 450      | 190.85        |
| d.        | Mercury(As Hg),mg/Nm <sup>3</sup>                                                                       | USEPA Method    | Max. 0.03     | BLQ(LOQ:0.01) |
| e.        | Carbon Monoxide(CO),% v/v                                                                               | IS:13270        | Max. 1.0      | 0.2           |
| f.        | Moisture, % by mass                                                                                     | IS: 11255 (P-3) | Not Specified | 4.4           |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per EPA Act 1986/PCLS/2010 , Sample collected by lab rep. on dated 03.12.2021, Sampling Procedure - SOP/ITC/EW/056

**REMARKS :** N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
10-12-2021  
Reviewer

  
10-12-2021  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
Panchkula-134109 (Haryana)  
Phone : (O) 0172-2561543, 2565825  
Email : customersupport@itclabs.com  
Visit us : www.itclabs.com

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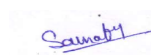
## Test Report

Document QF : 2501  
Page 1 of 2

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2112140622<br><b>Sample Reg. Date</b> :14-12-2021<br><b>Report Date</b> :17-12-2021<br><b>Report No.</b> :ICE-2112170787<br><b>NABL ULR No.</b> :TC592621000015065F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Test Report as per :</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | : EPA Act 1986/PCLS/2010                                                                                                                                                                                                                                                                                            |
| <b>General Information :</b><br>Date of Monitoring<br>Time of Monitoring<br>Name of the emission source monitored<br>(a) Rated Capacity<br>(b) Capacity on sampling day<br>(c) Type of fuel used & its consumption<br>(d) Normal operating schedule<br>2. Stack Identification<br>3.Type of Stack/Duct<br>4.Stack Height from Ground Level(m)<br>Diameter of the Stack(cm)<br>(6) Sampling Duration(minutes)<br>Purpose of Monitoring<br>(8) Air Pollution control measure<br>(a) Status<br>(b) Recovery of Material<br>(9) Fugitive Emission,if any | : 11-12-2021<br>: 10:15 to 10:42 hrs<br>: Stack Emission of Boiler<br>: 660 MW<br>: 630 MW<br>: Coal & 338 Ton/hr<br>: 24 hrs<br>: Stack attached to Boiler Unit -1 (at 65 meters Height)<br>: Metal<br>: 275<br>: 700<br>: 27<br>: For Self Monitoring<br>: ESP+FF+FGD+Low Nox Burner<br>: Working<br>: -<br>: Nil |
| <b>Observations :</b><br>Flue Gas Temperature, °C,Avg.<br>Flue Gas Velocity(m/s),Avg.<br>Volumetric Flow Rate(Nm <sup>3</sup> /hr.)<br>Ambient Air Temperature, °C                                                                                                                                                                                                                                                                                                                                                                                   | : 51<br>: 20.98<br>: 2527902.23<br>: 16                                                                                                                                                                                                                                                                             |

| S.No. | Parameters                   | Method | Specification | Result |
|-------|------------------------------|--------|---------------|--------|
|       | <b>Discipline : Chemical</b> |        |               |        |

  
Saurabh Sharma  
17-12-2021  
Reviewer

  
17-12-2021  
PremKumar  
[Authorized Signatory]

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## Test Report

Document QF : 2501  
Page 2 of 2

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2112140622<br><b>Sample Reg. Date</b> :14-12-2021<br><b>Report Date</b> :17-12-2021<br><b>Report No.</b> :ICE-2112170787<br><b>NABL ULR No.</b> :TC592621000015065F<br><b>Customer Ref. No.:</b> Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

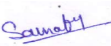
| Group : Atmospheric Pollution |                                                                                                         |                 |               |               |
|-------------------------------|---------------------------------------------------------------------------------------------------------|-----------------|---------------|---------------|
| 1. General Parameters         |                                                                                                         |                 |               |               |
| a.                            | Particulate Matter, mg/Nm <sup>3</sup> (Corrected to 6% O <sub>2</sub> on dry basis)                    | IS:11255(P-1)   | Max. 50       | 29.23         |
| b.                            | Sulphur Dioxide (SO <sub>2</sub> ), mg/Nm <sup>3</sup> (Corrected to 6% O <sub>2</sub> on dry basis)    | IS:11255(P-2)   | Max. 200      | 170.37        |
| c.                            | Oxides of Nitrogen (NO <sub>x</sub> ), mg/Nm <sup>3</sup> (Corrected to 6% O <sub>2</sub> on dry basis) | IS:11255(P-7)   | Max. 450      | 184.86        |
| d.                            | Mercury(As Hg),mg/Nm <sup>3</sup>                                                                       | USEPA Method    | Max. 0.03     | BLQ(LOQ:0.01) |
| e.                            | Carbon Monoxide(CO),% v/v                                                                               | IS:13270        | Max. 1.0      | 0.2           |
| f.                            | Moisture, % by mass                                                                                     | IS: 11255 (P-3) | Not Specified | 4.8           |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per EPA Act 1986/PCLS/2010, Sample collected by lab rep. on 11.12.2021, Sampling Procedure - SOP/ITC/EW/056

**REMARKS :**N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
17-12-2021  
Reviewer

  
17-12-2021  
PremKumar  
[Authorized Signatory]

### Disclaimer :

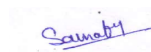
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- Legal disputes are subjected to Panchkula Jurisdiction only.

## Test Report

Document QF : 2501

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2112210981<br><b>Sample Reg. Date</b> :21-12-2021<br><b>Report Date</b> :30-12-2021<br><b>Report No.</b> :ICE-2112301430<br><b>NABL ULR No.</b> :TC592621000015769F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                   |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Test Report as per :</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | : EPA Act 1986/PCLS/2010                                                                                                                                                                                                                                                                                          |
| <b>General Information :</b><br>Date of Monitoring<br>Time of Monitoring<br>Name of the emission source monitored<br>(a) Rated Capacity<br>(b) Capacity on sampling day<br>(c) Type of fuel used & its consumption<br>(d) Normal operating schedule<br>2. Stack Identification<br>3.Type of Stack/Duct<br>4.Stack Height from Ground Level(m)<br>Diameter of the Stack(cm)<br>(6) Sampling Duration(minutes)<br>Purpose of Monitoring<br>(8) Air Pollution control measure<br>(a) Status<br>(b) Recovery of Material<br>(9) Fugitive Emission,if any | : 18-12-2021<br>: 12:00 to 12:21 hrs<br>: Stack Emission of Boiler<br>: 660 MW<br>: 622 MW<br>: Coal & 344 Ton/ hr<br>: 24 hrs<br>: Stack attached to Boiler Unit- I ( at 65 meter Height )<br>: Metal<br>: 275<br>: 700<br>: 21<br>: For Self Monitoring<br>: ESP+FF+FGD+Low Burner<br>: Working<br>: -<br>: Nil |
| <b>Observations :</b><br>Flue Gas Temperature, °C,Avg.<br>Flue Gas Velocity(m/s),Avg.<br>Volumetric Flow Rate(Nm <sup>3</sup> /hr.)<br>Ambient Air Temperature, °C                                                                                                                                                                                                                                                                                                                                                                                   | : 49<br>: 27.06<br>: 3403938.13<br>: 15                                                                                                                                                                                                                                                                           |

  
 Saurabh Sharma  
 30-12-2021  
 Reviewer

  
 30-12-2021  
 PremKumar  
 [Authorized Signatory]

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## Test Report

Document QF : 2501

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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2112210981<br><b>Sample Reg. Date</b> :21-12-2021<br><b>Report Date</b> :30-12-2021<br><b>Report No.</b> :ICE-2112301430<br><b>NABL ULR No.</b> :TC592621000015769F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

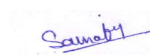
| S.No.     | Parameters                                                                                              | Method          | Specification | Result        |
|-----------|---------------------------------------------------------------------------------------------------------|-----------------|---------------|---------------|
|           | <b>Discipline : Chemical</b>                                                                            |                 |               |               |
|           | <b>Group : Atmospheric Pollution</b>                                                                    |                 |               |               |
| <b>1.</b> | <b>General Parameters</b>                                                                               |                 |               |               |
| a.        | Particulate Matter, mg/Nm <sup>3</sup> (Corrected to 6% O <sub>2</sub> on dry basis)                    | IS:11255(P-1)   | Max. 50       | 30.27         |
| b.        | Sulphur Dioxide (SO <sub>2</sub> ), mg/Nm <sup>3</sup> (Corrected to 6% O <sub>2</sub> on dry basis)    | IS:11255(P-2)   | Max. 200      | 178.76        |
| c.        | Oxides of Nitrogen (NO <sub>x</sub> ), mg/Nm <sup>3</sup> (Corrected to 6% O <sub>2</sub> on dry basis) | IS:11255(P-7)   | Max. 450      | 189.73        |
| d.        | Mercury(As Hg),mg/Nm <sup>3</sup>                                                                       | USEPA Method    | Max. 0.03     | BLQ(LOQ:0.01) |
| e.        | Carbon Monoxide(CO),% v/v                                                                               | IS:13270        | Max. 1.0      | 0.2           |
| f.        | Moisture, % by mass                                                                                     | IS: 11255 (P-3) | Not Specified | 4.0           |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per EPA Act 1986/PCLS/2010, Sample collected by lab rep. on 18.12.2021, Sampling Procedure - SOP/ITC/EW/056

**REMARKS :** N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
30-12-2021  
Reviewer

  
30-12-2021  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
Panchkula-134109 (Haryana)  
Phone : (O) 0172-2561543, 2565825  
Email : customersupport@itclabs.com  
Visit us : www.itclabs.com

### Disclaimer :

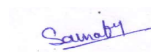
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## Test Report

Document QF : 2501

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|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2112210983<br><b>Sample Reg. Date</b> :21-12-2021<br><b>Report Date</b> :30-12-2021<br><b>Report No.</b> :ICE-2112301438<br><b>NABL ULR No.</b> :TC592621000015803F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Test Report as per :</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | : EPA Act 1986/PCLS/2010                                                                                                                                                                                                                                                                       |
| <b>General Information :</b><br>Date of Monitoring<br>Time of Monitoring<br>Name of the emission source monitored<br>(a) Rated Capacity<br>(b) Capacity on sampling day<br>(c) Type of fuel used & its consumption<br>(d) Normal operating schedule<br>2. Stack Identification<br>3.Type of Stack/Duct<br>4.Stack Height from Ground Level(m)<br>Diameter of the Stack(cm)<br>(6) Sampling Duration(minutes)<br>Purpose of Monitoring<br>(8) Air Pollution control measure<br>(a) Status<br>(b) Recovery of Material<br>(9) Fugitive Emission,if any | : 18-12-2021<br>: 11:30 to 11:52 hrs<br>: Stack Emission of Boiler<br>: 660 MW<br>: 625 MW<br>: Coal & 335 Ton/hr<br>: 24 hrs<br>: Stack attached to Boiler Unit -II (at 65 meter Height )<br>: Metal<br>: 275<br>: 700<br>: 22<br>: For Self Monitoring<br>: Not Exist<br>: -<br>: -<br>: Nil |
| <b>Observations :</b><br>Flue Gas Temperature, °C,Avg.<br>Flue Gas Velocity(m/s),Avg.<br>Volumetric Flow Rate(Nm <sup>3</sup> /hr.)<br>Ambient Air Temperature, °C                                                                                                                                                                                                                                                                                                                                                                                   | : 48<br>: 26.30<br>: 3291950.87<br>: 15                                                                                                                                                                                                                                                        |

  
Saurabh Sharma  
30-12-2021  
Reviewer

  
30-12-2021  
PremKumar  
[Authorized Signatory]

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## Test Report

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|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2112210983<br><b>Sample Reg. Date</b> :21-12-2021<br><b>Report Date</b> :30-12-2021<br><b>Report No.</b> :ICE-2112301438<br><b>NABL ULR No.</b> :TC592621000015803F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

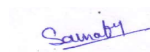
| S.No.     | Parameters                                                                                              | Method          | Specification | Result        |
|-----------|---------------------------------------------------------------------------------------------------------|-----------------|---------------|---------------|
|           | <b>Discipline : Chemical</b>                                                                            |                 |               |               |
|           | <b>Group : Atmospheric Pollution</b>                                                                    |                 |               |               |
| <b>1.</b> | <b>General Parameters</b>                                                                               |                 |               |               |
| a.        | Particulate Matter, mg/Nm <sup>3</sup> (Corrected to 6% O <sub>2</sub> on dry basis)                    | IS:11255(P-1)   | Max. 50       | 28.25         |
| b.        | Sulphur Dioxide (SO <sub>2</sub> ), mg/Nm <sup>3</sup> (Corrected to 6% O <sub>2</sub> on dry basis)    | IS:11255(P-2)   | Max. 200      | 158.40        |
| c.        | Oxides of Nitrogen (NO <sub>x</sub> ), mg/Nm <sup>3</sup> (Corrected to 6% O <sub>2</sub> on dry basis) | IS:11255(P-7)   | Max. 450      | 199.00        |
| d.        | Mercury(As Hg),mg/Nm <sup>3</sup>                                                                       | USEPA Method    | Max. 0.03     | BLQ(LOQ:0.01) |
| e.        | Carbon Monoxide(CO),% v/v                                                                               | IS:13270        | Max. 1.0      | 0.2           |
| f.        | Moisture, % by mass                                                                                     | IS: 11255 (P-3) | Not Specified | 4.4           |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per EPA Act 1986/PCLS/2010, Sample collected by lab rep. on 18.12.2021, Sampling Procedure - SOP/ITC/EW/056

**REMARKS :** N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
30-12-2021  
Reviewer

  
30-12-2021  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
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Phone : (O) 0172-2561543, 2565825  
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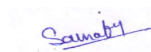
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2112251330<br><b>Sample Reg. Date</b> :25-12-2021<br><b>Report Date</b> :30-12-2021<br><b>Report No.</b> :ICE-2112301436<br><b>NABL ULR No.</b> :TC592621000015756F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
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|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                 |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Test Report as per :</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | : EPA Act 1986/PCLS/2010                                                                                                                                                                                                                                                                                        |
| <b>General Information :</b><br>Date of Monitoring<br>Time of Monitoring<br>Name of the emission source monitored<br>(a) Rated Capacity<br>(b) Capacity on sampling day<br>(c) Type of fuel used & its consumption<br>(d) Normal operating schedule<br>2. Stack Identification<br>3.Type of Stack/Duct<br>4.Stack Height from Ground Level(m)<br>Diameter of the Stack(cm)<br>(6) Sampling Duration(minutes)<br>Purpose of Monitoring<br>(8) Air Pollution control measure<br>(a) Status<br>(b) Recovery of Material<br>(9) Fugitive Emission,if any | : 24-12-2021<br>: 12:50 to 13:13 hrs<br>: Stack Emission of Boiler<br>: 660 MW<br>: 630 MW<br>: Coal & 360 Ton\hr<br>: 24 hrs<br>: Stack attached to Boiler Unit-I ( at 65 meter Height )<br>: Metal<br>: 275<br>: 700<br>: 23<br>: For Self Monitoring<br>: ESP+FF+FGD+Low Burner<br>: Working<br>: -<br>: Nil |
| <b>Observations :</b><br>Flue Gas Temperature, °C,Avg.<br>Flue Gas Velocity(m/s),Avg.<br>Volumetric Flow Rate(Nm <sup>3</sup> /hr.)<br>Ambient Air Temperature, °C                                                                                                                                                                                                                                                                                                                                                                                   | : 54<br>: 25.63<br>: 3149223.49<br>: 12                                                                                                                                                                                                                                                                         |

  
Saurabh Sharma  
30-12-2021  
Reviewer

  
30-12-2021  
PremKumar  
[Authorized Signatory]

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|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

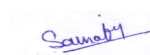
| S.No.     | Parameters                                                                                              | Method          | Specification | Result        |
|-----------|---------------------------------------------------------------------------------------------------------|-----------------|---------------|---------------|
|           | <b>Discipline : Chemical</b>                                                                            |                 |               |               |
|           | <b>Group : Atmospheric Pollution</b>                                                                    |                 |               |               |
| <b>1.</b> | <b>General Parameters</b>                                                                               |                 |               |               |
| a.        | Particulate Matter, mg/Nm <sup>3</sup> (Corrected to 6% O <sub>2</sub> on dry basis)                    | IS:11255(P-1)   | Max. 50       | 30.11         |
| b.        | Sulphur Dioxide (SO <sub>2</sub> ), mg/Nm <sup>3</sup> (Corrected to 6% O <sub>2</sub> on dry basis)    | IS:11255(P-2)   | Max. 200      | 165.57        |
| c.        | Oxides of Nitrogen (NO <sub>x</sub> ), mg/Nm <sup>3</sup> (Corrected to 6% O <sub>2</sub> on dry basis) | IS:11255(P-7)   | Max. 450      | 219.39        |
| d.        | Mercury(As Hg),mg/Nm <sup>3</sup>                                                                       | USEPA Method    | Max. 0.03     | BLQ(LOQ:0.01) |
| e.        | Carbon Monoxide(CO),% v/v                                                                               | IS:13270        | Max. 1.0      | 0.2           |
| f.        | Moisture, % by mass                                                                                     | IS: 11255 (P-3) | Not Specified | 4.8           |

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**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per EPA Act 1986/PCLS/2010, Sample collected by lab rep. on 24.12.2021, Sampling Procedure - SOP/ITC/EW/056

**REMARKS :** N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
 Saurabh Sharma  
 30-12-2021  
 Reviewer

  
 30-12-2021  
 PremKumar  
 [Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
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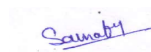
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2112251332<br><b>Sample Reg. Date</b> :25-12-2021<br><b>Report Date</b> :30-12-2021<br><b>Report No.</b> :ICE-2112301437<br><b>NABL ULR No.</b> :TC592621000015757F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2021 |
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|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Test Report as per :</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | : EPA Act 1986/PCLS/2010                                                                                                                                                                                                                                                                                         |
| <b>General Information :</b><br>Date of Monitoring<br>Time of Monitoring<br>Name of the emission source monitored<br>(a) Rated Capacity<br>(b) Capacity on sampling day<br>(c) Type of fuel used & its consumption<br>(d) Normal operating schedule<br>2. Stack Identification<br>3.Type of Stack/Duct<br>4.Stack Height from Ground Level(m)<br>Diameter of the Stack(cm)<br>(6) Sampling Duration(minutes)<br>Purpose of Monitoring<br>(8) Air Pollution control measure<br>(a) Status<br>(b) Recovery of Material<br>(9) Fugitive Emission,if any | : 24-12-2021<br>: 11:40 to 12:30 hrs<br>: Stack Emission of Boiler<br>: 660 MW<br>: 655 MW<br>: Coal & 408 Ton/hr<br>: 24 hrs<br>: Stack attached to Boiler Unit-II ( At 65 meters height)<br>: Metal<br>: 275<br>: 700<br>: 23<br>: For Self Monitoring<br>: ESP+FF+FGD+Low Burner<br>: Working<br>: -<br>: Nil |
| <b>Observations :</b><br>Flue Gas Temperature, °C,Avg.<br>Flue Gas Velocity(m/s),Avg.<br>Volumetric Flow Rate(Nm <sup>3</sup> /hr.)<br>Ambient Air Temperature, °C                                                                                                                                                                                                                                                                                                                                                                                   | : 52<br>: 25.82<br>: 3192092.78<br>: 16                                                                                                                                                                                                                                                                          |

  
 Saurabh Sharma  
 30-12-2021  
 Reviewer

  
 30-12-2021  
 PremKumar  
 [Authorized Signatory]

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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2112251332<br><b>Sample Reg. Date</b> :25-12-2021<br><b>Report Date</b> :30-12-2021<br><b>Report No.</b> :ICE-2112301437<br><b>NABL ULR No.</b> :TC592621000015757F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2021 |
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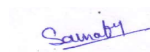
| S.No.     | Parameters                                                                                              | Method          | Specification | Result        |
|-----------|---------------------------------------------------------------------------------------------------------|-----------------|---------------|---------------|
|           | <b>Discipline : Chemical</b>                                                                            |                 |               |               |
|           | <b>Group : Atmospheric Pollution</b>                                                                    |                 |               |               |
| <b>1.</b> | <b>General Parameters</b>                                                                               |                 |               |               |
| a.        | Particulate Matter, mg/Nm <sup>3</sup> (Corrected to 6% O <sub>2</sub> on dry basis)                    | IS:11255(P-1)   | Max. 50       | 27.07         |
| b.        | Sulphur Dioxide (SO <sub>2</sub> ), mg/Nm <sup>3</sup> (Corrected to 6% O <sub>2</sub> on dry basis)    | IS:11255(P-2)   | Max. 200      | 175.08        |
| c.        | Oxides of Nitrogen (NO <sub>x</sub> ), mg/Nm <sup>3</sup> (Corrected to 6% O <sub>2</sub> on dry basis) | IS:11255(P-7)   | Max. 450      | 212.17        |
| d.        | Mercury(As Hg),mg/Nm <sup>3</sup>                                                                       | USEPA Method    | Max. 0.03     | BLQ(LOQ:0.01) |
| e.        | Carbon Monoxide(CO),% v/v                                                                               | IS:13270        | Max. 1.0      | 0.2           |
| f.        | Moisture, % by mass                                                                                     | IS: 11255 (P-3) | Not Specified | 4.4           |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per EPA Act 1986/PCLS/2010, Sample collected by lab rep. on 24.12.2021, Sampling Procedure - SOP/ITC/EW/056,

**REMARKS :** N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
30-12-2021  
Reviewer

  
30-12-2021  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
Panchkula-134109 (Haryana)  
Phone : (O) 0172-2561543, 2565825  
Email : customersupport@itclabs.com  
Visit us : www.itclabs.com

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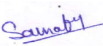
## Test Report

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|                                                                                                             |                                               |
|-------------------------------------------------------------------------------------------------------------|-----------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2201030145        |
|                                                                                                             | <b>Sample Reg. Date</b> :03-01-2022           |
|                                                                                                             | <b>Report Date</b> :08-01-2022                |
|                                                                                                             | <b>Report No.</b> :ICE-2201080398             |
|                                                                                                             | <b>NABL ULR No.</b> :TC592622000000249F       |
|                                                                                                             | <b>Customer Ref. No.</b> :Order No.5030010814 |
|                                                                                                             | <b>Letter Dated</b> :29.10.2020               |

|                                            |                                                           |
|--------------------------------------------|-----------------------------------------------------------|
| <b>Test Report as per :</b>                | : EPA Act 1986/PCLS/2010                                  |
| <b>General Information :</b>               |                                                           |
| Date of Monitoring                         | : 31-12-2021                                              |
| Time of Monitoring                         | : 10:50 to 11:13 hrs                                      |
| Name of the emission source monitored      | : Stack Emission of Boiler                                |
| (a) Rated Capacity                         | : 660 MW                                                  |
| (b) Capacity on sampling day               | : 630 MW                                                  |
| (c) Type of fuel used & its consumption    | : Coal & 433 Ton/hr                                       |
| (d) Normal operating schedule              | : 24 hrs                                                  |
| 2. Stack Identification                    | : Stack attached to Boiler, Unit-1 (At 65 meter's height) |
| 3.Type of Stack/Duct                       | : Metal                                                   |
| 4.Stack Height from Ground Level(m)        | : 275                                                     |
| Diameter of the Stack(cm)                  | : 700                                                     |
| (6) Sampling Duration(minutes)             | : 23                                                      |
| Purpose of Monitoring                      | : For Self Monitoring                                     |
| (8) Air Pollution control measure          | : ESP+FF+FGD+Low Burner                                   |
| (a) Status                                 | : Working                                                 |
| (b) Recovery of Material                   | : -                                                       |
| (9) Fugitive Emission,if any               | : Nil                                                     |
| <b>Observations :</b>                      |                                                           |
| Flue Gas Temperature, °C,Avg.              | : 48                                                      |
| Flue Gas Velocity(m/s),Avg.                | : 24.69                                                   |
| Volumetric Flow Rate(Nm <sup>3</sup> /hr.) | : 3123838.44                                              |
| Ambient Air Temperature, °C                | : 8                                                       |

| S.No. | Parameters                   | Method | Specification | Result |
|-------|------------------------------|--------|---------------|--------|
|       | <b>Discipline : Chemical</b> |        |               |        |

  
Saurabh Sharma  
08-01-2022  
Reviewer

  
08-01-2022  
PremKumar  
[Authorized Signatory]

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## Test Report

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2201030145<br><b>Sample Reg. Date</b> :03-01-2022<br><b>Report Date</b> :08-01-2022<br><b>Report No.</b> :ICE-2201080398<br><b>NABL ULR No.</b> :TC592622000000249F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

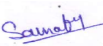
| Group : Atmospheric Pollution |                                                                                                         |                 |               |               |
|-------------------------------|---------------------------------------------------------------------------------------------------------|-----------------|---------------|---------------|
| 1. General Parameters         |                                                                                                         |                 |               |               |
| a.                            | Particulate Matter, mg/Nm <sup>3</sup> (Corrected to 6% O <sub>2</sub> on dry basis)                    | IS:11255(P-1)   | Max. 50       | 28.08         |
| b.                            | Sulphur Dioxide (SO <sub>2</sub> ), mg/Nm <sup>3</sup> (Corrected to 6% O <sub>2</sub> on dry basis)    | IS:11255(P-2)   | Max. 200      | 178.42        |
| c.                            | Oxides of Nitrogen (NO <sub>x</sub> ), mg/Nm <sup>3</sup> (Corrected to 6% O <sub>2</sub> on dry basis) | IS:11255(P-7)   | Max. 450      | 271.82        |
| d.                            | Mercury(As Hg),mg/Nm <sup>3</sup>                                                                       | USEPA Method    | Max. 0.03     | BLQ(LOQ:0.01) |
| e.                            | Carbon Monoxide(CO),% v/v                                                                               | IS:13270        | Max. 1.0      | 0.2           |
| f.                            | Moisture, % by mass                                                                                     | IS: 11255 (P-3) | Not Specified | 5.2           |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per EPA Act 1986/PCLS/2010 , Sample collected by lab rep. on dated 31.12.2021, Sampling Procedure - SOP/ITC/EW/056

**REMARKS :**N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
08-01-2022  
Reviewer

  
08-01-2022  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
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Panchkula-134109 (Haryana)  
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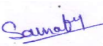
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|-----------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2201030147<br><b>Sample Reg. Date</b> :03-01-2022<br><b>Report Date</b> :08-01-2022<br><b>Report No.</b> :ICE-2201080400<br><b>NABL ULR No.</b> :TC592622000000250F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-----------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                    |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Test Report as per :</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | : EPA Act 1986/PCLS/2010                                                                                                                                                                                                                                                                                           |
| <b>General Information :</b><br><br>Date of Monitoring<br>Time of Monitoring<br>Name of the emission source monitored<br>(a) Rated Capacity<br>(b) Capacity on sampling day<br>(c) Type of fuel used & its consumption<br>(d) Normal operating schedule<br>2. Stack Identification<br>3.Type of Stack/Duct<br>4.Stack Height from Ground Level(m)<br>Diameter of the Stack(cm)<br>(6) Sampling Duration(minutes)<br>Purpose of Monitoring<br>(8) Air Pollution control measure<br>(a) Status<br>(b) Recovery of Material<br>(9) Fugitive Emission,if any | : 31-12-2021<br>: 11:20 to 11:42 hrs<br>: Stack Emission of Boiler<br>: 660 MW<br>: 645 MW<br>: Coal & 435 Ton /hr<br>: 24 hrs<br>: Stack attached to Boiler, Unit-II (At 65 meter's Height)<br>: Metal<br>: 275<br>: 700<br>: 22<br>: For Self Monitoring<br>: ESP+FF+FGD+Low Burner<br>: Working<br>: -<br>: Nil |
| <b>Observations :</b><br><br>Flue Gas Temperature, °C,Avg.<br>Flue Gas Velocity(m/s),Avg.<br>Volumetric Flow Rate(Nm <sup>3</sup> /hr.)<br>Ambient Air Temperature, °C                                                                                                                                                                                                                                                                                                                                                                                   | : 50<br>: 25.67<br>: 3227720.00<br>: 10                                                                                                                                                                                                                                                                            |

| S.No. | Parameters            | Method | Specification | Result |
|-------|-----------------------|--------|---------------|--------|
|       | Discipline : Chemical |        |               |        |

  
Saurabh Sharma  
08-01-2022  
Reviewer

  
08-01-2022  
PremKumar  
[Authorized Signatory]

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2201030147<br><b>Sample Reg. Date</b> :03-01-2022<br><b>Report Date</b> :08-01-2022<br><b>Report No.</b> :ICE-2201080400<br><b>NABL ULR No.</b> :TC592622000000250F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

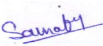
| Group : Atmospheric Pollution |                                                                                                         |                 |               |               |
|-------------------------------|---------------------------------------------------------------------------------------------------------|-----------------|---------------|---------------|
| 1. General Parameters         |                                                                                                         |                 |               |               |
| a.                            | Particulate Matter, mg/Nm <sup>3</sup> (Corrected to 6% O <sub>2</sub> on dry basis)                    | IS:11255(P-1)   | Max. 50       | 31.12         |
| b.                            | Sulphur Dioxide (SO <sub>2</sub> ), mg/Nm <sup>3</sup> (Corrected to 6% O <sub>2</sub> on dry basis)    | IS:11255(P-2)   | Max. 200      | 170.99        |
| c.                            | Oxides of Nitrogen (NO <sub>x</sub> ), mg/Nm <sup>3</sup> (Corrected to 6% O <sub>2</sub> on dry basis) | IS:11255(P-7)   | Max. 450      | 220.95        |
| d.                            | Mercury(As Hg),mg/Nm <sup>3</sup>                                                                       | USEPA Method    | Max. 0.03     | BLQ(LOQ:0.01) |
| e.                            | Carbon Monoxide(CO),% v/v                                                                               | IS:13270        | Max. 1.0      | 0.2           |
| f.                            | Moisture, % by mass                                                                                     | IS: 11255 (P-3) | Not Specified | 5.0           |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per EPA Act 1986/PCLS/2010, Sample collected by lab rep. on dated 31.12.2021, Sampling Procedure - SOP/ITC/EW/056

**REMARKS :**N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
08-01-2022  
Reviewer

  
08-01-2022  
PremKumar  
[Authorized Signatory]

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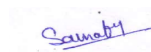
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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2112210984<br><b>Sample Reg. Date</b> :21-12-2021<br><b>Report Date</b> :28-12-2021<br><b>Report No.</b> :ICE-2112281305<br><b>NABL ULR No.</b> :TC592621000015610F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                            |                                                          |
|--------------------------------------------|----------------------------------------------------------|
| <b>Test Report as per :</b>                | : EPA Act 1986/PCLS/2010                                 |
| <b>General Information :</b>               |                                                          |
| Date of Monitoring                         | : 18-12-2011                                             |
| Time of Monitoring                         | : 14:10 to 14:31 hrs                                     |
| Name of the emission source monitored      | : Stack Emission of DG Set                               |
| (a) Rated Capacity                         | : 1600 kVA                                               |
| (b) Capacity on sampling day               | : -                                                      |
| (c) Type of fuel used & its consumption    | : HSD & 327 LPH                                          |
| (d) Normal operating schedule              | : As Required                                            |
| 2. Stack Identification                    | : Stack attached to DG Set-1 (1600 kVA) Engine No. 16171 |
| 3.Type of Stack/Duct                       | : Metal                                                  |
| 4.Stack Height from Ground Level(m)        | : 9.5                                                    |
| Diameter of the Stack(cm)                  | : 40                                                     |
| (6) Sampling Duration(minutes)             | : 21                                                     |
| Purpose of Monitoring                      | : For Self Monitoring                                    |
| (8) Air Pollution control measure          | : Not Applicable                                         |
| (a) Status                                 | : -                                                      |
| (b) Recovery of Material                   | : -                                                      |
| (9) Fugitive Emission,if any               | : Nil                                                    |
| <b>Observations :</b>                      |                                                          |
| Flue Gas Temperature, °C,Avg.              | : 317                                                    |
| Flue Gas Velocity(m/s),Avg.                | : 22.35                                                  |
| Volumetric Flow Rate(Nm <sup>3</sup> /hr.) | : 5010.25                                                |
| Ambient Air Temperature, °C                | : 16                                                     |

| S.No. | Parameters                   | Method | Specification | Result |
|-------|------------------------------|--------|---------------|--------|
|       | <b>Discipline : Chemical</b> |        |               |        |

  
Saurabh Sharma  
28-12-2021  
Reviewer

  
28-12-2021  
PremKumar  
[Authorized Signatory]

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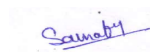
| Group : Atmospheric Pollution                                                                         |
|-------------------------------------------------------------------------------------------------------|
| 1. General Parameters                                                                                 |
| a. Particulate Matter,mg/Nm3(Corrected at 15 % O2)                                                    |
| b. Carbon Monoxide(CO),mg/Nm3(Corrected at 15 % O2)                                                   |
| c. Oxides of Nitrogen NO <sub>x</sub> (as NO <sub>2</sub> ), ppmv (at 15% O <sub>2</sub> ), dry basis |
| d. Non Methane Hydrocarbon,mg/Nm3(Corrected at 15 % O2)                                               |
| e. Sulphur Dioxide(SO <sub>2</sub> ),mg/Nm3                                                           |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, Requirements as per EPA Act 1986/PCLS/2010,G.S.R 281(E),Dated- 07.03.2016 , Sample collected by lab rep. on dated 18.12.2021, Sampling Procedure - SOP/ITC/EW/056

**REMARKS :**N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
28-12-2021  
Reviewer

  
28-12-2021  
PremKumar  
[Authorized Signatory]

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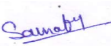
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|                                                                                                                 |                                                                                                                                                                                                                                                                                     |
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| <b>Issued To</b><br><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2112210985<br><b>Sample Reg. Date</b> :21-12-2021<br><b>Report Date</b> :28-12-2021<br><b>Report No.</b> :ICE-2112281310<br><b>NABL ULR No.</b> :TC592621000015602F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-----------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                             |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Test Report as per :</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | : EPA Act 1986/PCLS/2010                                                                                                                                                                                                                                                                                                                    |
| <b>General Information :</b><br><br>Date of Monitoring<br>Time of Monitoring<br>Name of the emission source monitored<br>(a) Rated Capacity<br>(b) Capacity on sampling day<br>(c) Type of fuel used & its consumption<br>(d) Normal operating schedule<br>2. Stack Identification<br>3.Type of Stack/Duct<br>4.Stack Height from Ground Level(m)<br>Diameter of the Stack(cm)<br>(6) Sampling Duration(minutes)<br>Purpose of Monitoring<br>(8) Air Pollution control measure<br>(a) Status<br>(b) Recovery of Material<br>(9) Fugitive Emission,if any<br><br><b>Observations :</b><br><br>Flue Gas Temperature, °C,Avg.<br>Flue Gas Velocity(m/s),Avg.<br>Volumetric Flow Rate(Nm <sup>3</sup> /hr.)<br>Ambient Air Temperature, °C | : 18-12-2021<br>: 14:50 to 15:10 hrs<br>: Stack Emission of DG Set<br>: 1600 kVA<br>: -<br>: HSD & 327 LPH<br>: As Required<br>: Stack attached to DG Set-2 (1600 kVA) Engine No.16386<br>: Metal<br>: 9.5<br>: 40<br>: 20<br>: For Self Monitoring<br>: Not Applicable<br>: -<br>: -<br>: Nil<br><br>: 307<br>: 22.29<br>: 5042.07<br>: 16 |

| S.No. | Parameters            | Method | Specification | Result |
|-------|-----------------------|--------|---------------|--------|
|       | Discipline : Chemical |        |               |        |

  
Saurabh Sharma  
28-12-2021  
Reviewer

  
28-12-2021  
PremKumar  
[Authorized Signatory]

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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2112210985<br><b>Sample Reg. Date</b> :21-12-2021<br><b>Report Date</b> :28-12-2021<br><b>Report No.</b> :ICE-2112281310<br><b>NABL ULR No.</b> :TC592621000015602F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

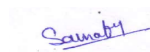
|    | Group : Atmospheric Pollution                                                                      |               |               |        |
|----|----------------------------------------------------------------------------------------------------|---------------|---------------|--------|
| 1. | General Parameters                                                                                 |               |               |        |
| a. | Particulate Matter,mg/Nm3(Corrected at 15 % O2)                                                    | IS:11255(P-1) | Max. 75       | 48.19  |
| b. | Carbon Monoxide(CO),mg/Nm3(Corrected at 15 % O2)                                                   | IS:13270      | Max. 150      | 96     |
| c. | Oxides of Nitrogen NO <sub>x</sub> (as NO <sub>2</sub> ), ppmv (at 15% O <sub>2</sub> ), dry basis | IS:11255(P-7) | Max. 710      | 389.35 |
| d. | Non Methane Hydrocarbon,mg/Nm3(Corrected at 15 % O2)                                               | IS:13270      | Max. 100      | 40     |
| e. | Sulphur Dioxide(SO <sub>2</sub> ),mg/Nm3                                                           | IS:11255(P-2) | Not Specified | 14.39  |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, Requirements as per EPA Act 1986/PCLS/2010 , Sample collected by lab rep. on dated 18.12.2021, Sampling Procedure - SOP/ITC/EW/056

**REMARKS :**N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
28-12-2021  
Reviewer

  
28-12-2021  
PremKumar  
[Authorized Signatory]

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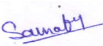
Page 1 of 3

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2112150655<br><b>Sample Reg. Date</b> :15-12-2021<br><b>Report Date</b> :23-12-2021<br><b>Report No.</b> :ICE-2112231079<br><b>NABL ULR No.</b> :TC592621000015364F<br><b>Customer Ref. No.:</b> Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                  |                               |
|----------------------------------|-------------------------------|
| <b>Test Report as per IS:</b> NA | <b>With Amendment No.(s):</b> |
|----------------------------------|-------------------------------|

### PART A : PARTICULARS OF SAMPLE SUBMITTED

|    |                                            |                                                                                    |
|----|--------------------------------------------|------------------------------------------------------------------------------------|
| a) | Nature of Sample <sup>#</sup>              | ETP Inlet Water                                                                    |
| b) | Sample Condition                           | Good                                                                               |
| c) | Grade / Variety / Type / Class / Size etc. | NA                                                                                 |
| d) | Brand Name                                 | NA                                                                                 |
| e) | Declared Values,if any                     | NA                                                                                 |
| f) | Code No.                                   |  |
| g) | Batch Number <sup>#</sup>                  | NA                                                                                 |
| h) | D.O.M <sup>#</sup>                         | NA                                                                                 |
| i) | Date of Expiry <sup>#</sup>                | NA                                                                                 |
| j) | Sample Quantity <sup>#</sup>               | 2 Ltr                                                                              |
| k) | Batch Size/Location <sup>#</sup>           | NA                                                                                 |
| l) | Mode of Packing                            | Packed in bottles                                                                  |
| m) | Date of Receipt                            | 15-12-2021                                                                         |
| n) | Date of Start                              | 15-12-2021                                                                         |
| o) | Date of Completion                         | 23-12-2021                                                                         |
| p) | Seal (Intact/Not Intact/Unsealed)          | NA                                                                                 |
| q) | IO'S Signature (Signed/Unsigned)           | Unsigned                                                                           |
| r) | Any Other Information                      | Sample collected by lab rep. on 10.12.2021                                         |
| s) | Test Request Submitted By                  | Jhajjar Power Limited-Jhajjar ( Haryana )                                          |
| t) | Manufactured By <sup>#</sup>               | NA                                                                                 |

  
Saurabh Sharma  
23-12-2021  
Reviewer

  
23-12-2021  
PremKumar  
[Authorized Signatory]

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## Test Report

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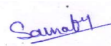
|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2112150655<br><b>Sample Reg. Date</b> :15-12-2021<br><b>Report Date</b> :23-12-2021<br><b>Report No.</b> :ICE-2112231079<br><b>NABL ULR No.</b> :TC592621000015364F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                  |    |
|------------------|----|
| u) Supplied By # | NA |
|------------------|----|

### PART B : SUPPLEMENTARY INFORMATIONS

|                                                                                                                                                                 |       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| a. Reference to sampling procedure, whenever applicable                                                                                                         | : N/A |
| b. Supporting documents for the measurement taken and results derived like graphs, tables, sketches and / or photographs as appropriate to test reports, if any | : N/A |
| c. Deviation from the test methods as prescribed in relevant ISS/WORK Instruments, if any                                                                       | : N/A |

| Description                                |                                                   |                                      |               |               |
|--------------------------------------------|---------------------------------------------------|--------------------------------------|---------------|---------------|
| Description                                |                                                   | ETP Inlet Water                      |               |               |
| S.No.                                      | Parameters                                        | Method                               | Specification | Result        |
| <b>Discipline : Chemical</b>               |                                                   |                                      |               |               |
| <b>Group : Pollution &amp; Environment</b> |                                                   |                                      |               |               |
| <b>1.</b>                                  | <b>General Parameters</b>                         |                                      |               |               |
| a.                                         | Colour                                            | IS:3025(Part4):1983(RA:2017)amd. no1 |               | Greyish       |
| b.                                         | Odour                                             | IS:3025(Part 5):1983(RA:2017)        |               | Musty         |
| c.                                         | pH Value                                          | IS:3025 (Part - 11):1983(RA:2017)    |               | 8.04          |
| d.                                         | Total Suspended Solids,(mg/l)                     | IS:3025(Part 17)                     |               | 86            |
| e.                                         | Total Dissolved Solids (mg/l)                     | IS:3025(Part 16):1984(RA.2006)       | -             | 414           |
| f.                                         | Chemical Oxygen Demand(mg/l)                      | APHA-23rd Edition                    |               | 128           |
| g.                                         | Bio-chemical Oxygen Demand, mg/l (3 days at 27°C) | IS:3025(P-44)                        |               | 43            |
| h.                                         | Oil & Grease(mg/l)                                | IS:3025(P-39)                        |               | 3.6           |
| i.                                         | Zinc(As Zn)(mg/l)                                 | IS: 3025 (P-2)                       |               | BLQ(LOQ:0.05) |
| j.                                         | Arsenic(as As)(mg/l)                              | IS: 3025 (P-2)                       |               | BLQ(LOQ:0.05) |

  
Saurabh Sharma  
23-12-2021  
Reviewer

  
23-12-2021  
PremKumar  
[Authorized Signatory]

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## Test Report

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2112150655<br><b>Sample Reg. Date</b> :15-12-2021<br><b>Report Date</b> :23-12-2021<br><b>Report No.</b> :ICE-2112231079<br><b>NABL ULR No.</b> :TC592621000015364F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

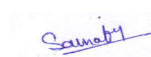
|    |                               |                                        |  |               |
|----|-------------------------------|----------------------------------------|--|---------------|
| k. | Total Chromium as Cr (mg/l)   | IS: 3025 (P-2)                         |  | BLQ(LOQ:0.05) |
| l. | Cyanide as CN, (mg/l)         | IS:3025(P-27)                          |  | Absent        |
| m. | Iron(as Fe)(mg/l)             | IS: 3025 (P-2)                         |  | BLQ(LOQ:0.05) |
| n. | Temperature(°C)               | IS: 3025 (P-9)                         |  | 26.1          |
| o. | Free Residual Chlorine (mg/l) | IS:3025(Part 26):1986(RA:2014)amd no 1 |  | BLQ(LOQ:1.0)  |
| p. | Phosphate as P (mg/l)         | APHA-23rd Edition                      |  | 1.1           |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Sampling Procedure - SOP/ITC/EW/030, Purpose - For Self monitoring

**REMARKS :**N/A

**\*\*\*\*\*End Of Report\*\*\*\*\***

  
Saurabh Sharma  
23-12-2021  
Reviewer

  
23-12-2021  
PremKumar  
[Authorized Signatory]

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## Test Report

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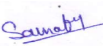
Page 1 of 3

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2112150657<br><b>Sample Reg. Date</b> :15-12-2021<br><b>Report Date</b> :23-12-2021<br><b>Report No.</b> :ICE-2112231080<br><b>NABL ULR No.</b> :TC592621000015378F<br><b>Customer Ref. No.:</b> Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                      |                               |
|------------------------------------------------------|-------------------------------|
| <b>Test Report as per IS:</b> EPA Act 1986/PCLS/2010 | <b>With Amendment No.(s):</b> |
|------------------------------------------------------|-------------------------------|

### PART A : PARTICULARS OF SAMPLE SUBMITTED

|    |                                            |                                                                                    |
|----|--------------------------------------------|------------------------------------------------------------------------------------|
| a) | Nature of Sample <sup>#</sup>              | ETP Outlet Water                                                                   |
| b) | Sample Condition                           | Good                                                                               |
| c) | Grade / Variety / Type / Class / Size etc. | NA                                                                                 |
| d) | Brand Name                                 | NA                                                                                 |
| e) | Declared Values,if any                     | NA                                                                                 |
| f) | Code No.                                   |  |
| g) | Batch Number <sup>#</sup>                  | NA                                                                                 |
| h) | D.O.M <sup>#</sup>                         | NA                                                                                 |
| i) | Date of Expiry <sup>#</sup>                | NA                                                                                 |
| j) | Sample Quantity <sup>#</sup>               | 2+5 Ltr                                                                            |
| k) | Batch Size/Location <sup>#</sup>           | NA                                                                                 |
| l) | Mode of Packing                            | Packed in cans & in bottles                                                        |
| m) | Date of Receipt                            | 15-12-2021                                                                         |
| n) | Date of Start                              | 15-12-2021                                                                         |
| o) | Date of Completion                         | 23-12-2021                                                                         |
| p) | Seal (Intact/Not Intact/Unsealed)          | NA                                                                                 |
| q) | IO'S Signature (Signed/Unsigned)           | Unsigned                                                                           |
| r) | Any Other Information                      | Sample collected by lab rep. on 10.12.2021                                         |
| s) | Test Request Submitted By                  | Jhajjar Power Limited-Jhajjar ( Haryana )                                          |
| t) | Manufactured By <sup>#</sup>               | NA                                                                                 |

  
Saurabh Sharma  
23-12-2021  
Reviewer

  
23-12-2021  
PremKumar  
[Authorized Signatory]

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## Test Report

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2112150657<br><b>Sample Reg. Date</b> :15-12-2021<br><b>Report Date</b> :23-12-2021<br><b>Report No.</b> :ICE-2112231080<br><b>NABL ULR No.</b> :TC592621000015378F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                  |    |
|------------------|----|
| u) Supplied By # | NA |
|------------------|----|

### PART B : SUPPLEMENTARY INFORMATIONS

|                                                                                                                                                                 |       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| a. Reference to sampling procedure, whenever applicable                                                                                                         | : N/A |
| b. Supporting documents for the measurement taken and results derived like graphs, tables, sketches and / or photographs as appropriate to test reports, if any | : N/A |
| c. Deviation from the test methods as prescribed in relevant ISS/WORK Instruments, if any                                                                       | : N/A |

### Description

|             |                  |
|-------------|------------------|
| Description | ETP Outlet Water |
|-------------|------------------|

| S.No. | Parameters                                        | Method                               | Specification | Result     |
|-------|---------------------------------------------------|--------------------------------------|---------------|------------|
|       | <b>Discipline : Chemical</b>                      |                                      |               |            |
|       | <b>Group : Pollution &amp; Environment</b>        |                                      |               |            |
| 1.    | <b>General Parameters</b>                         |                                      |               |            |
| a.    | Colour                                            | IS:3025(Part4):1983(RA:2017)amd. no1 | Not Specified | Colourless |
| b.    | Odour                                             | IS:3025(Part 5):1983(RA:2017)        | Not Specified | None       |
| c.    | pH Value                                          | IS:3025 (Part - 11):1983(RA:2017)    | 5.5-9         | 8.24       |
| d.    | Total Suspended Solids,(mg/l)                     | IS:3025(Part 17)                     | Max. 100      | 8          |
| e.    | Total Dissolved Solids (mg/l)                     | IS:3025(Part 16):1984(RA.2006)       | Max. 2100--   | 393        |
| f.    | Chemical Oxygen Demand(mg/l)                      | APHA-23rd Edition                    | Max. 250      | 28         |
| g.    | Bio-chemical Oxygen Demand, mg/l (3 days at 27°C) | IS:3025(P-44)                        | Max. 30       | 7          |
| h.    | Oil & Grease(mg/l)                                | IS:3025(P-39)                        | Max. 10       | 0.2        |
| i.    | Zinc(As Zn)(mg/l)                                 | IS: 3025 (P-2)                       | Max. 5.0      | 0.20       |
| j.    | Arsenic(as As)(mg/l)                              | IS: 3025 (P-2)                       | Max. 0.2      | 0.08       |

*Saurabh Sharma*  
Saurabh Sharma  
23-12-2021  
Reviewer

*PremKumar*  
23-12-2021  
PremKumar  
[Authorized Signatory]

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2112150657<br><b>Sample Reg. Date</b> :15-12-2021<br><b>Report Date</b> :23-12-2021<br><b>Report No.</b> :ICE-2112231080<br><b>NABL ULR No.</b> :TC592621000015378F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

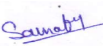
|    |                               |                   |                                                                             |                                                                      |
|----|-------------------------------|-------------------|-----------------------------------------------------------------------------|----------------------------------------------------------------------|
| k. | Total Chromium as Cr (mg/l)   | IS: 3025 (P-2)    | Max. 2.0                                                                    | BLQ(LOQ:0.05)                                                        |
| l. | Cyanide as CN, (mg/l)         | IS:3025(P-27)     | Max. 0.2                                                                    | Absent                                                               |
| m. | Iron(as Fe)(mg/l)             | IS: 3025 (P-2)    | Max. 3.0                                                                    | BLQ(LOQ:0.05)                                                        |
| n. | Bio Assay Test                | IS:6582-1971      | Minimum 90 % survival of fish was observed after 96 hours in 100 % effluent | 90% survival of fishes were observed in 100% effluent after 96 hours |
| o. | Temperature(°C)               | IS: 3025 (P-9)    |                                                                             | 25.9                                                                 |
| p. | Free Residual Chlorine (mg/l) | IS:3025(P-26)     | Max. 1.0                                                                    | BLQ(LOQ:1.0)                                                         |
| q. | Phosphate as P (mg/l)         | APHA-23rd Edition | Not Specified                                                               | BLQ(LOQ:0.1)                                                         |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per EPA Act 1986/PCLS/2010, Sampling Procedure - SOP/ITC/EW/030, Purpose - For Self monitoring

**REMARKS :**N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
23-12-2021  
Reviewer

  
23-12-2021  
PremKumar  
[Authorized Signatory]

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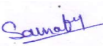
Page 1 of 3

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2112150659<br><b>Sample Reg. Date</b> :15-12-2021<br><b>Report Date</b> :23-12-2021<br><b>Report No.</b> :ICE-2112231064<br><b>NABL ULR No.</b> :TC592621000015369F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                  |                               |
|----------------------------------|-------------------------------|
| <b>Test Report as per IS:</b> NA | <b>With Amendment No.(s):</b> |
|----------------------------------|-------------------------------|

### PART A : PARTICULARS OF SAMPLE SUBMITTED

|    |                                            |                                                                                    |
|----|--------------------------------------------|------------------------------------------------------------------------------------|
| a) | Nature of Sample <sup>#</sup>              | STP Inlet Water (Plant)                                                            |
| b) | Sample Condition                           | Good                                                                               |
| c) | Grade / Variety / Type / Class / Size etc. | NA                                                                                 |
| d) | Brand Name                                 | NA                                                                                 |
| e) | Declared Values,if any                     | NA                                                                                 |
| f) | Code No.                                   |  |
| g) | Batch Number <sup>#</sup>                  | NA                                                                                 |
| h) | D.O.M <sup>#</sup>                         | NA                                                                                 |
| i) | Date of Expiry <sup>#</sup>                | NA                                                                                 |
| j) | Sample Quantity <sup>#</sup>               | 2 Ltr                                                                              |
| k) | Batch Size/Location <sup>#</sup>           | NA                                                                                 |
| l) | Mode of Packing                            | Packed in cans                                                                     |
| m) | Date of Receipt                            | 15-12-2021                                                                         |
| n) | Date of Start                              | 15-12-2021                                                                         |
| o) | Date of Completion                         | 23-12-2021                                                                         |
| p) | Seal (Intact/Not Intact/Unsealed)          | NA                                                                                 |
| q) | IO'S Signature (Signed/Unsigned)           | Unsigned                                                                           |
| r) | Any Other Information                      | Sample collected by lab rep. on 10.12.2021                                         |
| s) | Test Request Submitted By                  | Jhajjar Power Limited-Jhajjar ( Haryana )                                          |
| t) | Manufactured By <sup>#</sup>               | NA                                                                                 |

  
Saurabh Sharma  
23-12-2021  
Reviewer

  
23-12-2021  
PremKumar  
[Authorized Signatory]

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Document QF : 2501

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2112150659<br><b>Sample Reg. Date</b> :15-12-2021<br><b>Report Date</b> :23-12-2021<br><b>Report No.</b> :ICE-2112231064<br><b>NABL ULR No.</b> :TC592621000015369F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                  |    |
|------------------|----|
| u) Supplied By # | NA |
|------------------|----|

### PART B : SUPPLEMENTARY INFORMATIONS

|                                                                                                                                                                 |       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| a. Reference to sampling procedure, whenever applicable                                                                                                         | : N/A |
| b. Supporting documents for the measurement taken and results derived like graphs, tables, sketches and / or photographs as appropriate to test reports, if any | : N/A |
| c. Deviation from the test methods as prescribed in relevant ISS/WORK Instruments, if any                                                                       | : N/A |

| Description |                                                   |                                      |               |               |
|-------------|---------------------------------------------------|--------------------------------------|---------------|---------------|
| Description |                                                   | STP Inlet Water (Plant)              |               |               |
| S.No.       | Parameters                                        | Method                               | Specification | Result        |
|             | <b>Discipline : Chemical</b>                      |                                      |               |               |
|             | <b>Group : Pollution &amp; Environment</b>        |                                      |               |               |
| <b>1.</b>   | <b>General Parameters</b>                         |                                      |               |               |
| a.          | Colour                                            | IS:3025(Part4):1983(RA:2017)amd. no1 |               | Light greyish |
| b.          | Odour                                             | IS:3025(Part 5):1983(RA:2017)        |               | Mild          |
| c.          | pH Value                                          | IS:3025 (Part - 11):1983(RA:2017)    |               | 7.43          |
| d.          | Total Suspended Solids,(mg/l)                     | IS:3025(Part 17)                     |               | 57            |
| e.          | Total Dissolved Solids (mg/l)                     | IS:3025(Part 16):1984(RA.2006)       | -             | 328           |
| f.          | Chemical Oxygen Demand(mg/l)                      | APHA-23rd Edition                    |               | 108           |
| g.          | Bio-chemical Oxygen Demand, mg/l (3 days at 27°C) | IS:3025(P-44)                        |               | 37            |
| h.          | Oil & Grease(mg/l)                                | IS:3025(P-39)                        |               | 1.2           |

Saurabh Sharma  
23-12-2021  
Reviewer

23-12-2021  
PremKumar  
[Authorized Signatory]

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## Test Report

Document QF : 2501

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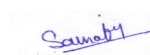
|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2112150659<br><b>Sample Reg. Date</b> :15-12-2021<br><b>Report Date</b> :23-12-2021<br><b>Report No.</b> :ICE-2112231064<br><b>NABL ULR No.</b> :TC592621000015369F<br><b>Customer Ref. No.:</b> Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
| i. Free Residual Chlorine (mg/l)                                                                            | IS:3025(Part 26):1986(RA:2014)amd no 1<br>BLQ(LOQ:1.0)                                                                                                                                                                                                                              |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Sampling Procedure - SOP/ITC/EW/030, Purpose - For Self monitoring

**REMARKS :**N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
 Saurabh Sharma  
 23-12-2021  
 Reviewer

  
 23-12-2021  
 PremKumar  
 [Authorized Signatory]

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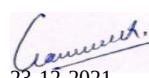
Page 1 of 3

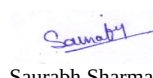
|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2112150660<br><b>Sample Reg. Date</b> :15-12-2021<br><b>Report Date</b> :23-12-2021<br><b>Report No.</b> :ICE-2112231066<br><b>NABL ULR No.</b> :TC592621000015365F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                 |                               |
|---------------------------------|-------------------------------|
| <b>Test Report as per IS:NA</b> | <b>With Amendment No.(s):</b> |
|---------------------------------|-------------------------------|

### PART A : PARTICULARS OF SAMPLE SUBMITTED

|    |                                            |                                                                                    |
|----|--------------------------------------------|------------------------------------------------------------------------------------|
| a) | Nature of Sample <sup>#</sup>              | STP Inlet Water (Plant).                                                           |
| b) | Sample Condition                           | Good                                                                               |
| c) | Grade / Variety / Type / Class / Size etc. | NA                                                                                 |
| d) | Brand Name                                 | NA                                                                                 |
| e) | Declared Values,if any                     | NA                                                                                 |
| f) | Code No.                                   |  |
| g) | Batch Number <sup>#</sup>                  | NA                                                                                 |
| h) | D.O.M <sup>#</sup>                         | NA                                                                                 |
| i) | Date of Expiry <sup>#</sup>                | NA                                                                                 |
| j) | Sample Quantity <sup>#</sup>               | 1 Ltr                                                                              |
| k) | Batch Size/Location <sup>#</sup>           | NA                                                                                 |
| l) | Mode of Packing                            | Packed in bottle                                                                   |
| m) | Date of Receipt                            | 15-12-2021                                                                         |
| n) | Date of Start                              | 15-12-2021                                                                         |
| o) | Date of Completion                         | 23-12-2021                                                                         |
| p) | Seal (Intact/Not Intact/Unsealed)          | NA                                                                                 |
| q) | IO'S Signature (Signed/Unsigned)           | Unsigned                                                                           |
| r) | Any Other Information                      | Sample collected by lab rep. on 10.12.2021                                         |
| s) | Test Request Submitted By                  | Jhajjar Power Limited-Jhajjar ( Haryana )                                          |
| t) | Manufactured By <sup>#</sup>               | NA                                                                                 |

  
23-12-2021  
**Gaurav Khandelwal**  
[Authorized Signatory]

  
Saurabh Sharma  
23-12-2021  
**Reviewer**

  
23-12-2021  
**PremKumar**  
[Authorized Signatory]

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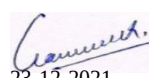
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|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2112150660<br><b>Sample Reg. Date</b> :15-12-2021<br><b>Report Date</b> :23-12-2021<br><b>Report No.</b> :ICE-2112231066<br><b>NABL ULR No.</b> :TC592621000015365F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                  |    |
|------------------|----|
| u) Supplied By # | NA |
|------------------|----|

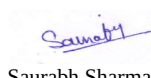
### PART B : SUPPLEMENTARY INFORMATIONS

|                                                                                                                                                                 |       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| a. Reference to sampling procedure, whenever applicable                                                                                                         | : N/A |
| b. Supporting documents for the measurement taken and results derived like graphs, tables, sketches and / or photographs as appropriate to test reports, if any | : N/A |
| c. Deviation from the test methods as prescribed in relevant ISS/WORK Instruments, if any                                                                       | : N/A |

| Description                                |                                     |                          |               |              |
|--------------------------------------------|-------------------------------------|--------------------------|---------------|--------------|
| Description                                |                                     | STP Inlet Water (Plant). |               |              |
| S.No.                                      | Parameters                          | Method                   | Specification | Result       |
| <b>Discipline : Chemical</b>               |                                     |                          |               |              |
| <b>Group : Pollution &amp; Environment</b> |                                     |                          |               |              |
| <b>1.</b>                                  | <b>General Parameters</b>           |                          |               |              |
| a.                                         | Nitrate as NO <sub>3</sub> (mg/l)   | IS:3025(P-34)            |               | BLQ(LOQ:1.0) |
| b.                                         | Calcium(as Ca)(mg/l)                | IS:3025(P-40)            | -             | 30           |
| c.                                         | Magnesium as Mg(mg/l)               | IS:3025(Part-46)         | -             | 10           |
| d.                                         | Sodium(as Na)(mg/l)                 | IS:3025(P-45)            | -             | 26           |
| e.                                         | Potassium as K,(mg/l)               | IS:3025(P-45)            |               | 6.1          |
| f.                                         | Phosphate as PO <sub>4</sub> (mg/l) | APHA-23rd Edition        |               | 1.6          |
| <b>Discipline : Biological</b>             |                                     |                          |               |              |
| <b>Group : Pollution &amp; Environment</b> |                                     |                          |               |              |
| <b>1.</b>                                  | <b>Microbiological Tests</b>        |                          |               |              |
| a.                                         | Faecal Coliforms, (MPN/100ml)       | APHA-23 rd Edn 17-9221 F |               | 540          |
| b.                                         | E.coli, (MPN/100ml)                 | APHA-23 rd Edn 17-9221 F |               | 540          |

  
23-12-2021

Gaurav Khandelwal  
[Authorized Signatory]

  
23-12-2021

Saurabh Sharma  
23-12-2021  
Reviewer

  
23-12-2021

PremKumar  
[Authorized Signatory]

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2112150660<br><b>Sample Reg. Date</b> :15-12-2021<br><b>Report Date</b> :23-12-2021<br><b>Report No.</b> :ICE-2112231066<br><b>NABL ULR No.</b> :TC592621000015365F<br><b>Customer Ref. No.:</b> Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
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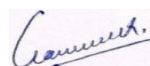
|    |                            |                          |                       |
|----|----------------------------|--------------------------|-----------------------|
| c. | Total Coliform (MPN/100ml) | APHA-23 rd Edn 17-9221 F | 1.6 x 10 <sup>6</sup> |
|----|----------------------------|--------------------------|-----------------------|

'#' represents Customer Defined Fields

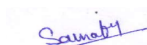
**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Sampling Procedure - SOP/ITC/EW/030, Purpose - For Self monitoring

**REMARKS :**N/A

**\*\*\*\*\*End Of Report\*\*\*\*\***



23-12-2021  
Gaurav Khandelwal  
[Authorized Signatory]



Saurabh Sharma  
23-12-2021  
Reviewer



23-12-2021  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
Panchkula-134109 (Haryana)  
Phone : (O) 0172-2561543, 2565825  
Email : customersupport@itclabs.com  
Visit us :www.itclabs.com

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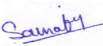
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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2112150661<br><b>Sample Reg. Date</b> :15-12-2021<br><b>Report Date</b> :23-12-2021<br><b>Report No.</b> :ICE-2112231067<br><b>NABL ULR No.</b> :TC592621000015360F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                      |                               |
|------------------------------------------------------|-------------------------------|
| <b>Test Report as per IS:</b> EPA Act 1986/PCLS/2010 | <b>With Amendment No.(s):</b> |
|------------------------------------------------------|-------------------------------|

### PART A : PARTICULARS OF SAMPLE SUBMITTED

|    |                                            |                                                                                    |
|----|--------------------------------------------|------------------------------------------------------------------------------------|
| a) | Nature of Sample <sup>#</sup>              | STP Outlet Water (Plant)                                                           |
| b) | Sample Condition                           | Good                                                                               |
| c) | Grade / Variety / Type / Class / Size etc. | NA                                                                                 |
| d) | Brand Name                                 | NA                                                                                 |
| e) | Declared Values,if any                     | NA                                                                                 |
| f) | Code No.                                   |  |
| g) | Batch Number <sup>#</sup>                  | NA                                                                                 |
| h) | D.O.M <sup>#</sup>                         | NA                                                                                 |
| i) | Date of Expiry <sup>#</sup>                | NA                                                                                 |
| j) | Sample Quantity <sup>#</sup>               | 2 Ltr                                                                              |
| k) | Batch Size/Location <sup>#</sup>           | NA                                                                                 |
| l) | Mode of Packing                            | Packed in cans                                                                     |
| m) | Date of Receipt                            | 15-12-2021                                                                         |
| n) | Date of Start                              | 15-12-2021                                                                         |
| o) | Date of Completion                         | 23-12-2021                                                                         |
| p) | Seal (Intact/Not Intact/Unsealed)          | NA                                                                                 |
| q) | IO'S Signature (Signed/Unsigned)           | Unsigned                                                                           |
| r) | Any Other Information                      | Sample collected by lab rep. on 10.12.2021                                         |
| s) | Test Request Submitted By                  | Jhajjar Power Limited-Jhajjar ( Haryana )                                          |
| t) | Manufactured By <sup>#</sup>               | NA                                                                                 |

  
Saurabh Sharma  
23-12-2021  
Reviewer

  
23-12-2021  
PremKumar  
[Authorized Signatory]

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## Test Report

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2112150661<br><b>Sample Reg. Date</b> :15-12-2021<br><b>Report Date</b> :23-12-2021<br><b>Report No.</b> :ICE-2112231067<br><b>NABL ULR No.</b> :TC592621000015360F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
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|                  |    |
|------------------|----|
| u) Supplied By # | NA |
|------------------|----|

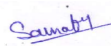
### PART B : SUPPLEMENTARY INFORMATIONS

|                                                                                                                                                                 |       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| a. Reference to sampling procedure, whenever applicable                                                                                                         | : N/A |
| b. Supporting documents for the measurement taken and results derived like graphs, tables, sketches and / or photographs as appropriate to test reports, if any | : N/A |
| c. Deviation from the test methods as prescribed in relevant ISS/WORK Instruments, if any                                                                       | : N/A |

### Description

|             |                          |
|-------------|--------------------------|
| Description | STP Outlet Water (Plant) |
|-------------|--------------------------|

| S.No.     | Parameters                                        | Method                               | Specification | Result       |
|-----------|---------------------------------------------------|--------------------------------------|---------------|--------------|
|           | <b>Discipline : Chemical</b>                      |                                      |               |              |
|           | <b>Group : Pollution &amp; Environment</b>        |                                      |               |              |
| <b>1.</b> | <b>General Parameters</b>                         |                                      |               |              |
| a.        | Colour                                            | IS:3025(Part4):1983(RA:2017)amd. no1 | Not Specified | Colourless   |
| b.        | Odour                                             | IS:3025(Part 5):1983(RA:2017)        | Not Specified | None         |
| c.        | pH Value                                          | IS:3025 (Part - 11):1983(RA:2017)    | 6.5-9         | 7.54         |
| d.        | Total Suspended Solids,(mg/l)                     | IS:3025(Part 17)                     | Max. 100      | 2            |
| e.        | Total Dissolved Solids (mg/l)                     | IS:3025(Part 16):1984(RA.2006)       | Not Specified | 314          |
| f.        | Chemical Oxygen Demand(mg/l)                      | APHA-23rd Edition                    | Not Specified | 48           |
| g.        | Bio-chemical Oxygen Demand, mg/l (3 days at 27°C) | IS:3025(P-44)                        | Max. 30       | 14           |
| h.        | Oil & Grease(mg/l)                                | IS:3025(P-39)                        | Max. 10       | <0.1         |
| i.        | Free Residual Chlorine (mg/l)                     | IS:3025(P-26)                        | Max. 1.0      | BLQ(LOQ:1.0) |

  
Saurabh Sharma  
23-12-2021  
Reviewer

  
23-12-2021  
PremKumar  
[Authorized Signatory]

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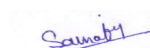
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2112150661<br><b>Sample Reg. Date</b> :15-12-2021<br><b>Report Date</b> :23-12-2021<br><b>Report No.</b> :ICE-2112231067<br><b>NABL ULR No.</b> :TC592621000015360F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per EPA Act 1986/PCLS/2010, Sampling Procedure - SOP/ITC/EW/030, Purpose - For Self monitoring

**REMARKS :**N/A

\*\*\*\*\*End Of Report\*\*\*\*\*



Saurabh Sharma  
23-12-2021  
Reviewer



23-12-2021  
PremKumar  
[Authorized Signatory]

### Interstellar Testing Centre Pvt. Ltd.

86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
Panchkula-134109 (Haryana)  
Phone : (O) 0172-2561543, 2565825  
Email : customersupport@itclabs.com  
Visit us :www.itclabs.com

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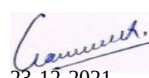
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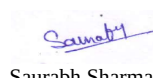
|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2112150662<br><b>Sample Reg. Date</b> :15-12-2021<br><b>Report Date</b> :23-12-2021<br><b>Report No.</b> :ICE-2112231065<br><b>NABL ULR No.</b> :TC592621000015359F<br><b>Customer Ref. No.:</b> Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                      |                               |
|------------------------------------------------------|-------------------------------|
| <b>Test Report as per IS:</b> EPA Act 1986/PCLS/2010 | <b>With Amendment No.(s):</b> |
|------------------------------------------------------|-------------------------------|

### PART A : PARTICULARS OF SAMPLE SUBMITTED

|    |                                            |                                                                                    |
|----|--------------------------------------------|------------------------------------------------------------------------------------|
| a) | Nature of Sample <sup>#</sup>              | STP Outlet Water (Plant).                                                          |
| b) | Sample Condition                           | Good                                                                               |
| c) | Grade / Variety / Type / Class / Size etc. | NA                                                                                 |
| d) | Brand Name                                 | NA                                                                                 |
| e) | Declared Values,if any                     | NA                                                                                 |
| f) | Code No.                                   |  |
| g) | Batch Number <sup>#</sup>                  | NA                                                                                 |
| h) | D.O.M <sup>#</sup>                         | NA                                                                                 |
| i) | Date of Expiry <sup>#</sup>                | NA                                                                                 |
| j) | Sample Quantity <sup>#</sup>               | 1 Ltr                                                                              |
| k) | Batch Size/Location <sup>#</sup>           | NA                                                                                 |
| l) | Mode of Packing                            | Packed in bottle                                                                   |
| m) | Date of Receipt                            | 15-12-2021                                                                         |
| n) | Date of Start                              | 15-12-2021                                                                         |
| o) | Date of Completion                         | 23-12-2021                                                                         |
| p) | Seal (Intact/Not Intact/Unsealed)          | NA                                                                                 |
| q) | IO'S Signature (Signed/Unsigned)           | Unsigned                                                                           |
| r) | Any Other Information                      | Sample collected by lab rep. on 10.12.2021                                         |
| s) | Test Request Submitted By                  | Jhajjar Power Limited-Jhajjar ( Haryana )                                          |
| t) | Manufactured By <sup>#</sup>               | NA                                                                                 |

  
23-12-2021  
**Gaurav Khandelwal**  
[Authorized Signatory]

  
Saurabh Sharma  
23-12-2021  
**Reviewer**

  
23-12-2021  
**PremKumar**  
[Authorized Signatory]

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## Test Report

Document QF : 2501

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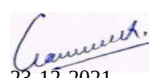
|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2112150662<br><b>Sample Reg. Date</b> :15-12-2021<br><b>Report Date</b> :23-12-2021<br><b>Report No.</b> :ICE-2112231065<br><b>NABL ULR No.</b> :TC592621000015359F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

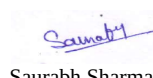
|                  |    |
|------------------|----|
| u) Supplied By # | NA |
|------------------|----|

### PART B : SUPPLEMENTARY INFORMATIONS

|                                                                                                                                                                 |       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| a. Reference to sampling procedure, whenever applicable                                                                                                         | : N/A |
| b. Supporting documents for the measurement taken and results derived like graphs, tables, sketches and / or photographs as appropriate to test reports, if any | : N/A |
| c. Deviation from the test methods as prescribed in relevant ISS/WORK Instruments, if any                                                                       | : N/A |

| Description                                |                                      |                           |               |              |
|--------------------------------------------|--------------------------------------|---------------------------|---------------|--------------|
| Description                                |                                      | STP Outlet Water (Plant). |               |              |
| S.No.                                      | Parameters                           | Method                    | Specification | Result       |
| <b>Discipline : Chemical</b>               |                                      |                           |               |              |
| <b>Group : Pollution &amp; Environment</b> |                                      |                           |               |              |
| <b>1.</b>                                  | <b>General Parameters</b>            |                           |               |              |
| a.                                         | Nitrate as NO <sub>3</sub> (mg/l)    | IS 3025 (Part 34)         | Max. 10       | BLQ(LOQ:1.0) |
| b.                                         | Calcium(as Ca)(mg/l)                 | IS:3025(P-40)             | Not Specified | 73           |
| c.                                         | Magnesium as Mg(mg/l)                | IS: 3025 (P-46)           | Not Specified | 25           |
| d.                                         | Sodium(as Na)(mg/l)                  | IS:3025(P-45)             | Not Specified | 58.1         |
| e.                                         | Potassium as K,(mg/l)                | IS:3025(P-45)             | Not Specified | 9.2          |
| f.                                         | Phosphate(as PO <sub>4</sub> ), mg/L | APHA-23rd Edition         | Max. 5.0      | BLQ(LOQ:0.1) |
| <b>Discipline : Biological</b>             |                                      |                           |               |              |
| <b>Group : Pollution &amp; Environment</b> |                                      |                           |               |              |
| <b>1.</b>                                  | <b>Microbiological Tests</b>         |                           |               |              |
| a.                                         | Faecal Coliform, MPN/100ml           | APHA-23 rd Edn 17-9221 F  | Max. 1000     | 33           |
| b.                                         | E.coli, (MPN/100ml)                  | APHA 23rd Edn 17-9221 E   | Not Specified | 33           |

  
23-12-2021  
**Gaurav Khandelwal**  
[Authorized Signatory]

  
Saurabh Sharma  
23-12-2021  
**Reviewer**

  
23-12-2021  
**PremKumar**  
[Authorized Signatory]

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## Test Report

Document QF : 2501

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2112150662<br><b>Sample Reg. Date</b> :15-12-2021<br><b>Report Date</b> :23-12-2021<br><b>Report No.</b> :ICE-2112231065<br><b>NABL ULR No.</b> :TC592621000015359F<br><b>Customer Ref. No.:</b> Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

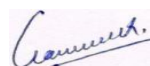
|    |                            |                          |               |    |
|----|----------------------------|--------------------------|---------------|----|
| c. | Total Coliform (MPN/100ml) | APHA-23 rd Edn 17-9221 F | Not Specified | 49 |
|----|----------------------------|--------------------------|---------------|----|

'#' represents Customer Defined Fields

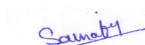
**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per EPA Act 1986/PCLS/2010, Sampling Procedure - SOP/ITC/EW/030, Purpose - For Self monitoring

**REMARKS :**N/A

\*\*\*\*\*End Of Report\*\*\*\*\*



23-12-2021  
Gaurav Khandelwal  
[Authorized Signatory]



Saurabh Sharma  
23-12-2021  
Reviewer



23-12-2021  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
Panchkula-134109 (Haryana)  
Phone : (O) 0172-2561543, 2565825  
Email : customersupport@itclabs.com  
Visit us : www.itclabs.com

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## Test Report

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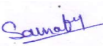
Page 1 of 3

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2112221017<br><b>Sample Reg. Date</b> :22-12-2021<br><b>Report Date</b> :27-12-2021<br><b>Report No.</b> :ICE-2112271233<br><b>NABL ULR No.</b> :TC592621000015523F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                 |                               |
|---------------------------------|-------------------------------|
| <b>Test Report as per IS:NA</b> | <b>With Amendment No.(s):</b> |
|---------------------------------|-------------------------------|

### PART A : PARTICULARS OF SAMPLE SUBMITTED

|    |                                            |                                                                                    |
|----|--------------------------------------------|------------------------------------------------------------------------------------|
| a) | Nature of Sample <sup>#</sup>              | STP Inlet Water (Township)                                                         |
| b) | Sample Condition                           | Good                                                                               |
| c) | Grade / Variety / Type / Class / Size etc. | NA                                                                                 |
| d) | Brand Name                                 | NA                                                                                 |
| e) | Declared Values,if any                     | NA                                                                                 |
| f) | Code No.                                   |  |
| g) | Batch Number <sup>#</sup>                  | NA                                                                                 |
| h) | D.O.M <sup>#</sup>                         | NA                                                                                 |
| i) | Date of Expiry <sup>#</sup>                | NA                                                                                 |
| j) | Sample Quantity <sup>#</sup>               | 2 Ltr                                                                              |
| k) | Batch Size/Location <sup>#</sup>           | NA                                                                                 |
| l) | Mode of Packing                            | Packed in bottles                                                                  |
| m) | Date of Receipt                            | 22-12-2021                                                                         |
| n) | Date of Start                              | 22-12-2021                                                                         |
| o) | Date of Completion                         | 27-12-2021                                                                         |
| p) | Seal (Intact/Not Intact/Unsealed)          | NA                                                                                 |
| q) | IO'S Signature (Signed/Unsigned)           | Unsigned                                                                           |
| r) | Any Other Information                      | Sample collected by lab rep. on 18.12.2021                                         |
| s) | Test Request Submitted By                  | Jhajjar Power Limited-Jhajjar ( Haryana )                                          |
| t) | Manufactured By <sup>#</sup>               | NA                                                                                 |

  
Saurabh Sharma  
27-12-2021  
Reviewer

  
27-12-2021  
PremKumar  
[Authorized Signatory]

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## Test Report

Document QF : 2501

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2112221017<br><b>Sample Reg. Date</b> :22-12-2021<br><b>Report Date</b> :27-12-2021<br><b>Report No.</b> :ICE-2112271233<br><b>NABL ULR No.</b> :TC592621000015523F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                  |    |
|------------------|----|
| u) Supplied By # | NA |
|------------------|----|

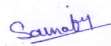
### PART B : SUPPLEMENTARY INFORMATIONS

|                                                                                                                                                                 |       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| a. Reference to sampling procedure, whenever applicable                                                                                                         | : N/A |
| b. Supporting documents for the measurement taken and results derived like graphs, tables, sketches and / or photographs as appropriate to test reports, if any | : N/A |
| c. Deviation from the test methods as prescribed in relevant ISS/WORK Instruments, if any                                                                       | : N/A |

### Description

|             |                            |
|-------------|----------------------------|
| Description | STP Inlet Water (Township) |
|-------------|----------------------------|

| S.No.     | Parameters                                        | Method                               | Specification | Result  |
|-----------|---------------------------------------------------|--------------------------------------|---------------|---------|
|           | <b>Discipline : Chemical</b>                      |                                      |               |         |
|           | <b>Group : Pollution &amp; Environment</b>        |                                      |               |         |
| <b>1.</b> | <b>General Parameters</b>                         |                                      |               |         |
| a.        | Colour                                            | IS:3025(Part4):1983(RA:2017)amd. no1 |               | Greyish |
| b.        | Odour                                             | IS:3025(Part 5):1983(RA:2017)        |               | Musty   |
| c.        | pH Value                                          | IS:3025 (Part - 11):1983(RA:2017)    |               | 8.13    |
| d.        | Total Suspended Solids,(mg/l)                     | IS:3025(Part 17)                     |               | 52      |
| e.        | Total Dissolved Solids (mg/l)                     | IS:3025(Part 16):1984(RA.2006)       | -             | 357     |
| f.        | Chemical Oxygen Demand(mg/l)                      | APHA-23rd Edition                    |               | 138     |
| g.        | Bio-chemical Oxygen Demand, mg/l (3 days at 27°C) | IS:3025(P-44)                        |               | 45      |
| h.        | Oil & Grease(mg/l)                                | IS:3025(P-39)                        |               | 1.8     |

  
Saurabh Sharma  
27-12-2021  
Reviewer

  
27-12-2021  
PremKumar  
[Authorized Signatory]

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## Test Report

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2112221017<br><b>Sample Reg. Date</b> :22-12-2021<br><b>Report Date</b> :27-12-2021<br><b>Report No.</b> :ICE-2112271233<br><b>NABL ULR No.</b> :TC592621000015523F<br><b>Customer Ref. No.:</b> Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
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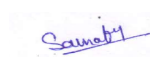
|    |                               |                                        |  |              |
|----|-------------------------------|----------------------------------------|--|--------------|
| i. | Free Residual Chlorine (mg/l) | IS:3025(Part 26):1986(RA:2014)amd no 1 |  | BLQ(LOQ:1.0) |
|----|-------------------------------|----------------------------------------|--|--------------|

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Sampling Procedure - SOP/ITC/EW/030, Purpose - For Self monitoring

**REMARKS :**N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
27-12-2021  
Reviewer

  
27-12-2021  
PremKumar  
[Authorized Signatory]

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## Test Report

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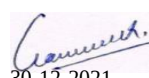
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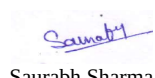
|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2112221018<br><b>Sample Reg. Date</b> :22-12-2021<br><b>Report Date</b> :30-12-2021<br><b>Report No.</b> :ICE-2112301487<br><b>NABL ULR No.</b> :TC592621000015838F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                 |                               |
|---------------------------------|-------------------------------|
| <b>Test Report as per IS:NA</b> | <b>With Amendment No.(s):</b> |
|---------------------------------|-------------------------------|

### PART A : PARTICULARS OF SAMPLE SUBMITTED

|    |                                            |                                                                                    |
|----|--------------------------------------------|------------------------------------------------------------------------------------|
| a) | Nature of Sample #                         | STP Inlet Water (Township).                                                        |
| b) | Sample Condition                           | Good                                                                               |
| c) | Grade / Variety / Type / Class / Size etc. | NA                                                                                 |
| d) | Brand Name                                 | NA                                                                                 |
| e) | Declared Values,if any                     | NA                                                                                 |
| f) | Code No.                                   |  |
| g) | Batch Number #                             | NA                                                                                 |
| h) | D.O.M #                                    | NA                                                                                 |
| i) | Date of Expiry #                           | NA                                                                                 |
| j) | Sample Quantity #                          | 1 Ltr                                                                              |
| k) | Batch Size/Location #                      | NA                                                                                 |
| l) | Mode of Packing                            | Packed in bottle                                                                   |
| m) | Date of Receipt                            | 22-12-2021                                                                         |
| n) | Date of Start                              | 22-12-2021                                                                         |
| o) | Date of Completion                         | 30-12-2021                                                                         |
| p) | Seal (Intact/Not Intact/Unsealed)          | NA                                                                                 |
| q) | IO'S Signature (Signed/Unsigned)           | Unsigned                                                                           |
| r) | Any Other Information                      | Sample collected by lab rep. on 18.12.2021                                         |
| s) | Test Request Submitted By                  | Jhajjar Power Limited-Jhajjar ( Haryana )                                          |
| t) | Manufactured By #                          | NA                                                                                 |

  
30-12-2021  
**Gaurav Khandelwal**  
[Authorized Signatory]

  
30-12-2021  
**Saurabh Sharma**  
Reviewer

  
30-12-2021  
**PremKumar**  
[Authorized Signatory]

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## Test Report

Document QF : 2501

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2112221018<br><b>Sample Reg. Date</b> :22-12-2021<br><b>Report Date</b> :30-12-2021<br><b>Report No.</b> :ICE-2112301487<br><b>NABL ULR No.</b> :TC592621000015838F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                  |    |
|------------------|----|
| u) Supplied By # | NA |
|------------------|----|

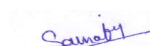
### PART B : SUPPLEMENTARY INFORMATIONS

|                                                                                                                                                                 |       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| a. Reference to sampling procedure, whenever applicable                                                                                                         | : N/A |
| b. Supporting documents for the measurement taken and results derived like graphs, tables, sketches and / or photographs as appropriate to test reports, if any | : N/A |
| c. Deviation from the test methods as prescribed in relevant ISS/WORK Instruments, if any                                                                       | : N/A |

| Description                                |                                     |                             |               |                       |
|--------------------------------------------|-------------------------------------|-----------------------------|---------------|-----------------------|
| Description                                |                                     | STP Inlet Water (Township). |               |                       |
| S.No.                                      | Parameters                          | Method                      | Specification | Result                |
| <b>Discipline : Chemical</b>               |                                     |                             |               |                       |
| <b>Group : Pollution &amp; Environment</b> |                                     |                             |               |                       |
| <b>1.</b>                                  | <b>General Parameters</b>           |                             |               |                       |
| a.                                         | Nitrate as NO <sub>3</sub> (mg/l)   | IS:3025(P-34)               |               | BLQ(LOQ:1.0)          |
| b.                                         | Calcium(as Ca)(mg/l)                | IS:3025(P-40)               | -             | 48                    |
| c.                                         | Magnesium as Mg(mg/l)               | IS:3025(Part-46)            | -             | 20                    |
| d.                                         | Sodium(as Na)(mg/l)                 | IS:3025(P-45)               | -             | 10.1                  |
| e.                                         | Potassium as K,(mg/l)               | IS:3025(P-45)               |               | 2.6                   |
| f.                                         | Phosphate as PO <sub>4</sub> (mg/l) | APHA-23rd Edition           |               | BLQ(LOQ:0.1)          |
| <b>Discipline : Biological</b>             |                                     |                             |               |                       |
| <b>Group : Pollution &amp; Environment</b> |                                     |                             |               |                       |
| <b>1.</b>                                  | <b>Microbiological Tests</b>        |                             |               |                       |
| a.                                         | Faecal Coliforms, (MPN/100ml)       | APHA-23 rd Edn 17-9221 F    |               | 2.2 x 10 <sup>4</sup> |
| b.                                         | E.coli, (MPN/100ml)                 | APHA-23 rd Edn 17-9221 F    |               | 1.4 x 10 <sup>4</sup> |



30-12-2021  
Gaurav Khandelwal  
[Authorized Signatory]



Saurabh Sharma  
30-12-2021  
Reviewer



30-12-2021  
Prem Kumar  
[Authorized Signatory]

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## Test Report

Document QF : 2501

Page 3 of 3

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2112221018<br><b>Sample Reg. Date</b> :22-12-2021<br><b>Report Date</b> :30-12-2021<br><b>Report No.</b> :ICE-2112301487<br><b>NABL ULR No.</b> :TC592621000015838F<br><b>Customer Ref. No.:</b> Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

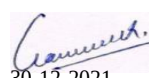
|    |                            |                          |                       |
|----|----------------------------|--------------------------|-----------------------|
| c. | Total Coliform (MPN/100ml) | APHA-23 rd Edn 17-9221 F | 7.6 x 10 <sup>4</sup> |
|----|----------------------------|--------------------------|-----------------------|

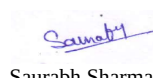
'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Sampling Procedure - SOP/ITC/EW/030, Purpose - For Self monitoring

**REMARKS :**N/A

**\*\*\*\*\*End Of Report\*\*\*\*\***

  
30-12-2021  
**Gaurav Khandelwal**  
[Authorized Signatory]

  
30-12-2021  
**Saurabh Sharma**  
Reviewer

  
30-12-2021  
**PremKumar**  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
Panchkula-134109 (Haryana)  
Phone : (O) 0172-2561543, 2565825  
Email : customersupport@itclabs.com  
Visit us :www.itclabs.com

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## Test Report

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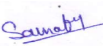
Page 1 of 3

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2112221019<br><b>Sample Reg. Date</b> :22-12-2021<br><b>Report Date</b> :27-12-2021<br><b>Report No.</b> :ICE-2112271234<br><b>NABL ULR No.</b> :TC592621000015493F<br><b>Customer Ref. No.:</b> Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                      |                               |
|------------------------------------------------------|-------------------------------|
| <b>Test Report as per IS:</b> EPA Act 1986/PCLS/2010 | <b>With Amendment No.(s):</b> |
|------------------------------------------------------|-------------------------------|

### PART A : PARTICULARS OF SAMPLE SUBMITTED

|    |                                            |                                                                                    |
|----|--------------------------------------------|------------------------------------------------------------------------------------|
| a) | Nature of Sample <sup>#</sup>              | STP Outlet Water (Township)                                                        |
| b) | Sample Condition                           | Good                                                                               |
| c) | Grade / Variety / Type / Class / Size etc. | NA                                                                                 |
| d) | Brand Name                                 | NA                                                                                 |
| e) | Declared Values,if any                     | NA                                                                                 |
| f) | Code No.                                   |  |
| g) | Batch Number <sup>#</sup>                  | NA                                                                                 |
| h) | D.O.M <sup>#</sup>                         | NA                                                                                 |
| i) | Date of Expiry <sup>#</sup>                | NA                                                                                 |
| j) | Sample Quantity <sup>#</sup>               | 2 Ltr                                                                              |
| k) | Batch Size/Location <sup>#</sup>           | NA                                                                                 |
| l) | Mode of Packing                            | Packed in bottles                                                                  |
| m) | Date of Receipt                            | 22-12-2021                                                                         |
| n) | Date of Start                              | 22-12-2021                                                                         |
| o) | Date of Completion                         | 27-12-2021                                                                         |
| p) | Seal (Intact/Not Intact/Unsealed)          | NA                                                                                 |
| q) | IO'S Signature (Signed/Unsigned)           | Unsigned                                                                           |
| r) | Any Other Information                      | Sample collected by lab rep. on 18.12.2021                                         |
| s) | Test Request Submitted By                  | Jhajjar Power Limited-Jhajjar ( Haryana )                                          |
| t) | Manufactured By <sup>#</sup>               | NA                                                                                 |

  
Saurabh Sharma  
27-12-2021  
Reviewer

  
27-12-2021  
PremKumar  
[Authorized Signatory]

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## Test Report

Document QF : 2501

Page 2 of 3

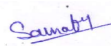
|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2112221019<br><b>Sample Reg. Date</b> :22-12-2021<br><b>Report Date</b> :27-12-2021<br><b>Report No.</b> :ICE-2112271234<br><b>NABL ULR No.</b> :TC592621000015493F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                  |    |
|------------------|----|
| u) Supplied By # | NA |
|------------------|----|

### PART B : SUPPLEMENTARY INFORMATIONS

|                                                                                                                                                                 |       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| a. Reference to sampling procedure, whenever applicable                                                                                                         | : N/A |
| b. Supporting documents for the measurement taken and results derived like graphs, tables, sketches and / or photographs as appropriate to test reports, if any | : N/A |
| c. Deviation from the test methods as prescribed in relevant ISS/WORK Instruments, if any                                                                       | : N/A |

| Description                                |                                                   |                                      |               |              |
|--------------------------------------------|---------------------------------------------------|--------------------------------------|---------------|--------------|
| Description                                |                                                   | STP Outlet Water (Township)          |               |              |
| S.No.                                      | Parameters                                        | Method                               | Specification | Result       |
| <b>Discipline : Chemical</b>               |                                                   |                                      |               |              |
| <b>Group : Pollution &amp; Environment</b> |                                                   |                                      |               |              |
| <b>1. General Parameters</b>               |                                                   |                                      |               |              |
| a.                                         | Colour                                            | IS:3025(Part4):1983(RA:2017)amd. no1 | Not Specified | Colourless   |
| b.                                         | Odour                                             | IS:3025(Part 5):1983(RA:2017)        | Not Specified | None         |
| c.                                         | pH Value                                          | IS:3025 (Part - 11):1983(RA:2017)    | 6.5-9         | 7.64         |
| d.                                         | Total Suspended Solids,(mg/l)                     | IS:3025(Part 17)                     | Max. 100      | 6            |
| e.                                         | Total Dissolved Solids (mg/l)                     | IS:3025(Part 16):1984(RA.2006)       | Not Specified | 348          |
| f.                                         | Chemical Oxygen Demand(mg/l)                      | APHA-23rd Edition                    | Not Specified | 31           |
| g.                                         | Bio-chemical Oxygen Demand, mg/l (3 days at 27°C) | IS:3025(P-44)                        | Max. 30       | 8            |
| h.                                         | Oil & Grease(mg/l)                                | IS:3025(P-39)                        | Max. 10       | <0.1         |
| i.                                         | Free Residual Chlorine (mg/l)                     | IS:3025(P-26)                        | Max. 1.0      | BLQ(LOQ:1.0) |

  
 Saurabh Sharma  
 27-12-2021  
 Reviewer

  
 27-12-2021  
 PremKumar  
 [Authorized Signatory]

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## Test Report

Document QF : 2501

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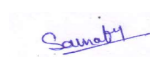
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|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2112221019<br><b>Sample Reg. Date</b> :22-12-2021<br><b>Report Date</b> :27-12-2021<br><b>Report No.</b> :ICE-2112271234<br><b>NABL ULR No.</b> :TC592621000015493F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per EPA Act 1986/PCLS/2010, Sampling Procedure - SOP/ITC/EW/030, Purpose - For Self monitoring

**REMARKS :**N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
27-12-2021  
Reviewer

  
27-12-2021  
PremKumar  
[Authorized Signatory]

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## Test Report

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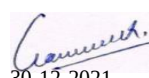
Page 1 of 3

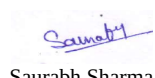
|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2112221020<br><b>Sample Reg. Date</b> :22-12-2021<br><b>Report Date</b> :30-12-2021<br><b>Report No.</b> :ICE-2112301488<br><b>NABL ULR No.</b> :TC592621000015846F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                      |                               |
|------------------------------------------------------|-------------------------------|
| <b>Test Report as per IS:</b> EPA Act 1986/PCLS/2010 | <b>With Amendment No.(s):</b> |
|------------------------------------------------------|-------------------------------|

### PART A : PARTICULARS OF SAMPLE SUBMITTED

|    |                                            |                                                                                    |
|----|--------------------------------------------|------------------------------------------------------------------------------------|
| a) | Nature of Sample <sup>#</sup>              | STP Outlet Water (Township).                                                       |
| b) | Sample Condition                           | Good                                                                               |
| c) | Grade / Variety / Type / Class / Size etc. | NA                                                                                 |
| d) | Brand Name                                 | NA                                                                                 |
| e) | Declared Values,if any                     | NA                                                                                 |
| f) | Code No.                                   |  |
| g) | Batch Number <sup>#</sup>                  | NA                                                                                 |
| h) | D.O.M <sup>#</sup>                         | NA                                                                                 |
| i) | Date of Expiry <sup>#</sup>                | NA                                                                                 |
| j) | Sample Quantity <sup>#</sup>               | 1 Ltr                                                                              |
| k) | Batch Size/Location <sup>#</sup>           | NA                                                                                 |
| l) | Mode of Packing                            | Packed in bottle                                                                   |
| m) | Date of Receipt                            | 22-12-2021                                                                         |
| n) | Date of Start                              | 22-12-2021                                                                         |
| o) | Date of Completion                         | 30-12-2021                                                                         |
| p) | Seal (Intact/Not Intact/Unsealed)          | NA                                                                                 |
| q) | IO'S Signature (Signed/Unsigned)           | Unsigned                                                                           |
| r) | Any Other Information                      | Sample collected by lab rep. on 18.12.2021                                         |
| s) | Test Request Submitted By                  | Jhajjar Power Limited-Jhajjar ( Haryana )                                          |
| t) | Manufactured By <sup>#</sup>               | NA                                                                                 |

  
30-12-2021  
**Gaurav Khandelwal**  
[Authorized Signatory]

  
30-12-2021  
**Saurabh Sharma**  
Reviewer

  
30-12-2021  
**PremKumar**  
[Authorized Signatory]

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## Test Report

Document QF : 2501

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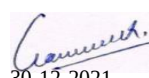
|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2112221020<br><b>Sample Reg. Date</b> :22-12-2021<br><b>Report Date</b> :30-12-2021<br><b>Report No.</b> :ICE-2112301488<br><b>NABL ULR No.</b> :TC592621000015846F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                  |    |
|------------------|----|
| u) Supplied By # | NA |
|------------------|----|

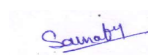
### PART B : SUPPLEMENTARY INFORMATIONS

|                                                                                                                                                                 |       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| a. Reference to sampling procedure, whenever applicable                                                                                                         | : N/A |
| b. Supporting documents for the measurement taken and results derived like graphs, tables, sketches and / or photographs as appropriate to test reports, if any | : N/A |
| c. Deviation from the test methods as prescribed in relevant ISS/WORK Instruments, if any                                                                       | : N/A |

| Description                                |                                      |                              |               |              |
|--------------------------------------------|--------------------------------------|------------------------------|---------------|--------------|
| Description                                |                                      | STP Outlet Water (Township). |               |              |
| S.No.                                      | Parameters                           | Method                       | Specification | Result       |
| <b>Discipline : Chemical</b>               |                                      |                              |               |              |
| <b>Group : Pollution &amp; Environment</b> |                                      |                              |               |              |
| <b>1.</b>                                  | <b>General Parameters</b>            |                              |               |              |
| a.                                         | Nitrate as NO <sub>3</sub> (mg/l)    | IS 3025 (Part 34)            | Max. 10       | BLQ(LOQ:1.0) |
| b.                                         | Calcium(as Ca)(mg/l)                 | IS:3025(P-40)                | Not Specified | 58           |
| c.                                         | Magnesium as Mg(mg/l)                | IS: 3025 (P-46)              | Not Specified | 11           |
| d.                                         | Sodium(as Na)(mg/l)                  | IS:3025(P-45)                | Not Specified | 45.1         |
| e.                                         | Potassium as K,(mg/l)                | IS:3025(P-45)                | Not Specified | 2.8          |
| f.                                         | Phosphate(as PO <sub>4</sub> ), mg/L | APHA-23rd Edition            | Max. 5.0      | BLQ(LOQ:0.1) |
| <b>Discipline : Biological</b>             |                                      |                              |               |              |
| <b>Group : Pollution &amp; Environment</b> |                                      |                              |               |              |
| <b>1.</b>                                  | <b>Microbiological Tests</b>         |                              |               |              |
| a.                                         | Faecal Coliform, MPN/100ml           | APHA-23 rd Edn 17-9221 F     | Max. 1000     | <1.8         |
| b.                                         | E.coli, (MPN/100ml)                  | APHA 23rd Edn 17-9221 E      | Not Specified | <1.8         |

  
30-12-2021

Gaurav Khandelwal  
[Authorized Signatory]

  
30-12-2021

Saurabh Sharma  
30-12-2021  
Reviewer

  
30-12-2021

PremKumar  
[Authorized Signatory]

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## Test Report

Document QF : 2501

Page 3 of 3

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2112221020<br><b>Sample Reg. Date</b> :22-12-2021<br><b>Report Date</b> :30-12-2021<br><b>Report No.</b> :ICE-2112301488<br><b>NABL ULR No.</b> :TC592621000015846F<br><b>Customer Ref. No.:</b> Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

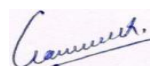
|    |                            |                          |               |    |
|----|----------------------------|--------------------------|---------------|----|
| c. | Total Coliform (MPN/100ml) | APHA-23 rd Edn 17-9221 F | Not Specified | 70 |
|----|----------------------------|--------------------------|---------------|----|

'#' represents Customer Defined Fields

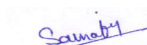
**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per EPA Act 1986/PCLS/2010, Sampling Procedure - SOP/ITC/EW/030, Purpose - For Self monitoring

**REMARKS :**N/A

\*\*\*\*\*End Of Report\*\*\*\*\*



30-12-2021  
Gaurav Khandelwal  
[Authorized Signatory]



Saurabh Sharma  
30-12-2021  
Reviewer



30-12-2021  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
Panchkula-134109 (Haryana)  
Phone : (O) 0172-2561543, 2565825  
Email : customersupport@itclabs.com  
Visit us : www.itclabs.com

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## Test Report

Document QF : 2501

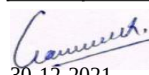
Page 1 of 5

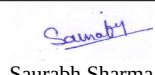
|                                                                                                             |                                                                                                                                                                                                                                                                                    |
|-------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2112221028<br><b>Sample Reg. Date</b> :22-12-2021<br><b>Report Date</b> :30-12-2021<br><b>Report No.</b> :ICE-2112301512<br><b>NABL ULR No.</b> :TC592621000015862F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :2910.2020 |
|-------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                               |                                        |
|---------------------------------------------------------------|----------------------------------------|
| <b>Test Report as per IS:</b> BIS Specification IS:10500-2012 | <b>With Amendment No.(s):</b> 01 to 03 |
|---------------------------------------------------------------|----------------------------------------|

### PART A : PARTICULARS OF SAMPLE SUBMITTED

|    |                                            |                                                                                     |
|----|--------------------------------------------|-------------------------------------------------------------------------------------|
| a) | Nature of Sample #                         | Bore Well Water                                                                     |
| b) | Sample Condition                           | Good                                                                                |
| c) | Grade / Variety / Type / Class / Size etc. | NA                                                                                  |
| d) | Brand Name                                 | NA                                                                                  |
| e) | Declared Values,if any                     | NA                                                                                  |
| f) | Code No.                                   |   |
| g) | Batch Number #                             | NA                                                                                  |
| h) | D.O.M #                                    | NA                                                                                  |
| i) | Date of Expiry #                           | NA                                                                                  |
| j) | Sample Quantity #                          | NA                                                                                  |
| k) | Batch Size/Location #                      | NA                                                                                  |
| l) | Mode of Packing                            | Packed in bottles                                                                   |
| m) | Date of Receipt                            | 22-12-2021                                                                          |
| n) | Date of Start                              | 22-12-2021                                                                          |
| o) | Date of Completion                         | 30-12-2021                                                                          |
| p) | Seal (Intact/Not Intact/Unsealed)          | NA                                                                                  |
| q) | IO'S Signature (Signed/Unsigned)           | Unsigned                                                                            |
| r) | Any Other Information                      | Sample collected by lab rep. Mr. Vipin on 18.12.2021, Sample from Village: Wazidpur |
| s) | Test Request Submitted By                  | Jhajjar Power Limited-Jhajjar ( Haryana )                                           |
| t) | Manufactured By #                          | NA                                                                                  |

  
30-12-2021  
**Gaurav Khandelwal**  
[Authorized Signatory]

  
30-12-2021  
**Saurabh Sharma**  
Reviewer

  
30-12-2021  
**PremKumar**  
[Authorized Signatory]

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## Test Report

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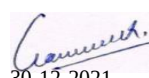
|                                                                                                             |                                                                                                                                                                                                                                                                                    |
|-------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2112221028<br><b>Sample Reg. Date</b> :22-12-2021<br><b>Report Date</b> :30-12-2021<br><b>Report No.</b> :ICE-2112301512<br><b>NABL ULR No.</b> :TC592621000015862F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :2910.2020 |
|-------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

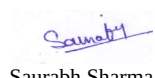
|                  |    |
|------------------|----|
| u) Supplied By # | NA |
|------------------|----|

### PART B : SUPPLEMENTARY INFORMATIONS

|                                                                                                                                                                 |       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| a. Reference to sampling procedure, whenever applicable                                                                                                         | : N/A |
| b. Supporting documents for the measurement taken and results derived like graphs, tables, sketches and / or photographs as appropriate to test reports, if any | : N/A |
| c. Deviation from the test methods as prescribed in relevant ISS/WORK Instruments, if any                                                                       | : N/A |

| Description                                                             |                               |                                      |                  |                   |               |
|-------------------------------------------------------------------------|-------------------------------|--------------------------------------|------------------|-------------------|---------------|
| Description                                                             | Colorless liquid              |                                      |                  |                   |               |
| S.No.                                                                   | Parameters                    | Method                               | Acceptable Limit | Permissible Limit | Result        |
| <b>Discipline : Chemical</b>                                            |                               |                                      |                  |                   |               |
| <b>Group : Water</b>                                                    |                               |                                      |                  |                   |               |
| <b>1. Organoleptic &amp; Physical Parameter</b>                         |                               |                                      |                  |                   |               |
| a.                                                                      | Colour (Hazen)                | IS:3025(Part4):1983(RA:2017)amd. no1 | 5 Max.           | 15 Max.           | 4             |
| b.                                                                      | Taste                         | IS:3025(Part 8):1984(RA:2017)        | Agreeable        | -                 | Agreeable     |
| c.                                                                      | Odour                         | IS:3025(Part 5):1983(RA:2017)        | Agreeable        | -                 | Agreeable     |
| d.                                                                      | pH Value                      | IS:3025 (Part - 11):1983(RA:2017)    | 6.5-8.5          | No relaxation     | 7.48          |
| e.                                                                      | Turbidity(NTU)                | IS:3025(Part 10):1984(RA:2017)       | 1 Max.           | 5 Max.            | 1.61          |
| f.                                                                      | Total Dissolved Solids,(mg/l) | IS:3025(Part 16):1984(RA.2006)       | 500 Max.         | 2000 Max.         | 943           |
| <b>2. Parameters Concerning Undesirable Substances in excess amount</b> |                               |                                      |                  |                   |               |
| a.                                                                      | Aluminium as Al, (mg/l)       | IS:3025(Part 55):RA2014              | 0.03 Max.        | 0.2 Max.          | BLQ(LOQ:0.02) |

  
30-12-2021  
Gaurav Khandelwal  
[Authorized Signatory]

  
Saurabh Sharma  
30-12-2021  
Reviewer

  
30-12-2021  
PremKumar  
[Authorized Signatory]

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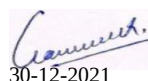
## Test Report

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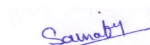
Page 3 of 5

|                                                                                                             |                                                                                                                                                                                                                                                                                    |
|-------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2112221028<br><b>Sample Reg. Date</b> :22-12-2021<br><b>Report Date</b> :30-12-2021<br><b>Report No.</b> :ICE-2112301512<br><b>NABL ULR No.</b> :TC592621000015862F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :2910.2020 |
|-------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|    |                                                                  |                                                          |            |               |                |
|----|------------------------------------------------------------------|----------------------------------------------------------|------------|---------------|----------------|
| b. | Ammonia (as total ammonia-N) (mg/l)                              | IS:3025(Part 34):1988(RA:2014)                           | 0.5 Max.   | No Relaxation | BLQ(LOQ:0.1)   |
| c. | Anionic detergent(as MBAS),(mg/l)                                | IS:13428:2005(RA:2009)-Annex K                           | 0.2 Max.   | 1.0 Max.      | BLQ(LOQ:0.05)  |
| d. | Barium (as Ba) (mg/l)                                            | IS:13428:2005(RA:2014)Annex. F/IS:3025(P-65)             | 0.7 Max.   | No relaxation | BLQ(LOQ:0.3)   |
| e. | Boron (as B) (mg/l)                                              | Apha 23rd Edn.2017-3120 B/IS:3025(Part 57):2004(RA:2017) | 0.5 Max.   | 2.4 Max.      | BLQ(LOQ:0.5)   |
| f. | Calcium(as Ca), (mg/l)                                           | IS:3025(Part 40):1991(RA:2014) amd no 1                  | 75 Max.    | 200 Max.      | 119.7          |
| g. | Chloramines (as Cl <sub>2</sub> ), (mg/l)                        | IS:3025(Part 26):1986 amd no 1(RA 2014)                  | 4.0 Max.   | No relaxation | BLQ(LOQ:0.02)  |
| h. | Chloride(as Cl) (mg/l)                                           | IS:3025(Part 32):1988(RA:2014)                           | 250 Max.   | 1000 Max.     | 70.4           |
| i. | Copper (as Cu) (mg/l)                                            | IS:3025(P-65)                                            | 0.05 Max.  | 1.5 Max.      | BLQ(LOQ:0.002) |
| j. | Fluoride as F (mg/l)                                             | IS:3025(Part 60):2008 amd. no 1(RA:2013)                 | 1.0 Max.   | 1.5 Max.      | 0.6            |
| k. | Phenolic compounds (as C <sub>6</sub> H <sub>5</sub> OH), (mg/l) | IS:3025(P-43)                                            | 0.001 Max. | 0.002 Max.    | BLQ(LOQ:0.001) |
| l. | Free Residual Chlorine, (mg/l)                                   | IS:3025(P-26)                                            | 0.2 Min.   | 1.0 Max.      | Not Applicable |
| m. | Iron (as Fe) (mg/l)                                              | IS:3025(Part 53):2003(RA:2014)                           | 1.0 Max.   | No relaxation | BLQ(LOQ:0.01)  |
| n. | Magnesium as Mg (mg/l)                                           | IS:3025(Part 46):1994 amd. no. 2(RA:2014)                | 30 Max.    | 100 Max.      | 45.2           |
| o. | Manganese as Mn, (mg/l)                                          | Apha 23rd Edn.2017-3125 B/IS:3025(Part 59):2004(RA:2017) | 0.1 Max.   | 0.3 Max.      | BLQ(LOQ:0.1)   |
| p. | Mineral Oil, (mg/l)                                              | Clause 6 of IS:3025(Part39)                              | 1.0 Max.   | No Relaxation | BLQ(LOQ:0.01)  |

  
30-12-2021

**Gaurav Khandelwal**  
[Authorized Signatory]

  
30-12-2021

**Saurabh Sharma**  
30-12-2021  
Reviewer

  
30-12-2021

**PremKumar**  
[Authorized Signatory]

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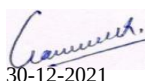
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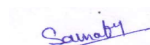
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|                                                                                                             |                                                                                                                                                                                                                                                                                    |
|-------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2112221028<br><b>Sample Reg. Date</b> :22-12-2021<br><b>Report Date</b> :30-12-2021<br><b>Report No.</b> :ICE-2112301512<br><b>NABL ULR No.</b> :TC592621000015862F<br><b>Customer Ref. No.:</b> Order No.5030010814<br><b>Letter Dated</b> :2910.2020 |
|-------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                  |                                               |                                      |                                              |               |                |
|--------------------------------------------------|-----------------------------------------------|--------------------------------------|----------------------------------------------|---------------|----------------|
| q.                                               | Nitrate as NO <sub>3</sub> (mg/l)             | IS:3025(Part 34):1988(RA:2014)       | 45 Max.                                      | No Relaxation | BLQ(LOQ:1.0)   |
| r.                                               | Selenium (as Se) (mg/l)                       | IS:3025(P-65)                        | 0.01 Max.                                    | No Relaxation | BLQ(LOQ:0.002) |
| s.                                               | Silver (as Ag) (mg/l)                         | IS:3025(P-65)                        | 0.1 Max.                                     | No Relaxation | BLQ(LOQ:0.002) |
| t.                                               | Sulphate(as SO <sub>4</sub> ) (mg/l)          | IS:3025(Part 24):1986(RA:2014)       | 200 Max.                                     | 400 Max.      | 64             |
| u.                                               | Sulphide as H <sub>2</sub> S, (mg/l)          | IS:3025(Part 29)                     | 0.05 Max.                                    | No Relaxation | BLQ(LOQ:0.05)  |
| v.                                               | Total Alkalinity(as CaCO <sub>3</sub> )(mg/l) | IS:3025(Part 23)                     | 200 Max.                                     | 600 Max.      | 496.4          |
| w.                                               | Total Hardness(as CaCO <sub>3</sub> ), (mg/l) | IS 3025 (Part 21)                    | 200 Max.                                     | 600 Max.      | 485.1          |
| x.                                               | Zinc(as Zn)(mg/l)                             | IS:3025(P-65)                        | 5 Max.                                       | 15 Max.       | BLQ(LOQ:0.002) |
| <b>3. Parameters Concerning Toxic Substances</b> |                                               |                                      |                                              |               |                |
| a.                                               | Cadmium(as Cd)(mg/l)                          | IS:3025(P-65)                        | 0.003 Max.                                   | No Relaxation | BLQ(LOQ:0.002) |
| b.                                               | Cyanide(asCN)(mg/l)                           | IS:3025(Part 27)                     | 0.05 Max.                                    | No Relaxation | BLQ(LOQ:0.01)  |
| c.                                               | Lead(as Pb)(mg/l)                             | IS:3025(P-65)                        | 0.01 Max.                                    | No Relaxation | BLQ(LOQ:0.002) |
| d.                                               | Mercury(as Hg)(mg/l)                          | IS:3025(P-65)                        | 0.001 Max.                                   | No Relaxation | BLQ(LOQ:0.001) |
| e.                                               | Molybdenum(as Mo)(mg/l)                       | IS:3025(P-65)                        | 0.07 Max.                                    | No Relaxation | BLQ(LOQ:0.002) |
| f.                                               | Nickel(as Ni) (mg/l)                          | IS:3025(P-65)                        | 0.02 Max.                                    | No Relaxation | BLQ(LOQ:0.002) |
| g.                                               | Total Arsenic(as As)(mg/l)                    | IS:3025(P-65)                        | 0.01 Max.                                    | No relaxation | BLQ(LOQ:0.002) |
| h.                                               | Total Chromium(as Cr)(mg/l)                   | IS:3025(P-65)                        | 0.05 Max.                                    | No Relaxation | BLQ(LOQ:0.002) |
| <b>Discipline : Biological</b>                   |                                               |                                      |                                              |               |                |
| <b>Group : Water</b>                             |                                               |                                      |                                              |               |                |
| <b>1. Microbiological Tests</b>                  |                                               |                                      |                                              |               |                |
| a.                                               | E.Coli/100 ml                                 | IS:15185(Membrane Filtration Method) | Shall not be detectable in any 100 ml sample | -             | Absent         |
| b.                                               | Total Coliform Count/100 ml                   | IS:15185(Membrane Filtration Method) | Shall not be detectable in any 100 ml sample | -             | Absent         |

  
30-12-2021

Gaurav Khandelwal  
[Authorized Signatory]

  
30-12-2021

Saurabh Sharma  
30-12-2021  
Reviewer

  
30-12-2021

PremKumar  
[Authorized Signatory]

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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2112221028<br><b>Sample Reg. Date</b> :22-12-2021<br><b>Report Date</b> :30-12-2021<br><b>Report No.</b> :ICE-2112301512<br><b>NABL ULR No.</b> :TC592621000015862F<br><b>Customer Ref. No.:</b> Order No.5030010814<br><b>Letter Dated</b> :2910.2020 |
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'#' represents Customer Defined Fields

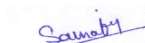
**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Sampling Procedure - SOP/ITC/EW/030,

**REMARKS :**The above referred sample of Bore Well Water conforms to BIS Specification IS:10500-2012 with upto date amdots with respect to the above tests.

\*\*\*\*\*End Of Report\*\*\*\*\*



30-12-2021  
Gaurav Khandelwal  
[Authorized Signatory]



Saurabh Sharma  
30-12-2021  
Reviewer



30-12-2021  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
Panchkula-134109 (Haryana)  
Phone : (O) 0172-2561543, 2565825  
Email : customersupport@itclabs.com  
Visit us :www.itclabs.com

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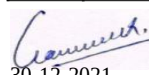
Page 1 of 5

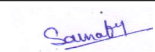
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2112221024<br><b>Sample Reg. Date</b> :22-12-2021<br><b>Report Date</b> :30-12-2021<br><b>Report No.</b> :ICE-2112301510<br><b>NABL ULR No.</b> :TC592621000015852F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                               |                                        |
|---------------------------------------------------------------|----------------------------------------|
| <b>Test Report as per IS:</b> BIS Specification IS:10500-2012 | <b>With Amendment No.(s):</b> 01 to 03 |
|---------------------------------------------------------------|----------------------------------------|

### PART A : PARTICULARS OF SAMPLE SUBMITTED

|    |                                            |                                                                                         |
|----|--------------------------------------------|-----------------------------------------------------------------------------------------|
| a) | Nature of Sample #                         | Bore Well Water                                                                         |
| b) | Sample Condition                           | Good                                                                                    |
| c) | Grade / Variety / Type / Class / Size etc. | NA                                                                                      |
| d) | Brand Name                                 | NA                                                                                      |
| e) | Declared Values,if any                     | NA                                                                                      |
| f) | Code No.                                   |       |
| g) | Batch Number #                             | NA                                                                                      |
| h) | D.O.M #                                    | NA                                                                                      |
| i) | Date of Expiry #                           | NA                                                                                      |
| j) | Sample Quantity #                          | 7 Ltr                                                                                   |
| k) | Batch Size/Location #                      | NA                                                                                      |
| l) | Mode of Packing                            | Packed in bottles                                                                       |
| m) | Date of Receipt                            | 22-12-2021                                                                              |
| n) | Date of Start                              | 22-12-2021                                                                              |
| o) | Date of Completion                         | 30-12-2021                                                                              |
| p) | Seal (Intact/Not Intact/Unsealed)          | NA                                                                                      |
| q) | IO'S Signature (Signed/Unsigned)           | Unsigned                                                                                |
| r) | Any Other Information                      | Sample collected by lab rep. Mr. Vipin on 18.12.2021, Sample from Village: Khanpur Kala |
| s) | Test Request Submitted By                  | Jhajjar Power Limited-Jhajjar ( Haryana )                                               |
| t) | Manufactured By #                          | NA                                                                                      |

  
30-12-2021  
**Gaurav Khandelwal**  
[Authorized Signatory]

  
30-12-2021  
**Saurabh Sharma**  
Reviewer

  
30-12-2021  
**PremKumar**  
[Authorized Signatory]

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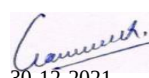
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|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2112221024<br><b>Sample Reg. Date</b> :22-12-2021<br><b>Report Date</b> :30-12-2021<br><b>Report No.</b> :ICE-2112301510<br><b>NABL ULR No.</b> :TC592621000015852F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

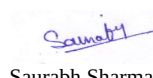
|                  |    |
|------------------|----|
| u) Supplied By # | NA |
|------------------|----|

### PART B : SUPPLEMENTARY INFORMATIONS

|                                                                                                                                                                 |       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| a. Reference to sampling procedure, whenever applicable                                                                                                         | : N/A |
| b. Supporting documents for the measurement taken and results derived like graphs, tables, sketches and / or photographs as appropriate to test reports, if any | : N/A |
| c. Deviation from the test methods as prescribed in relevant ISS/WORK Instruments, if any                                                                       | : N/A |

| Description                                                             |                               |                                      |                  |                   |               |
|-------------------------------------------------------------------------|-------------------------------|--------------------------------------|------------------|-------------------|---------------|
| Description                                                             | Clourless liquid              |                                      |                  |                   |               |
| S.No.                                                                   | Parameters                    | Method                               | Acceptable Limit | Permissible Limit | Result        |
| <b>Discipline : Chemical</b>                                            |                               |                                      |                  |                   |               |
| <b>Group : Water</b>                                                    |                               |                                      |                  |                   |               |
| <b>1. Organoleptic &amp;Physical Parameter</b>                          |                               |                                      |                  |                   |               |
| a.                                                                      | Colour (Hazen)                | IS:3025(Part4):1983(RA:2017)amd. no1 | 5 Max.           | 15 Max.           | 4             |
| b.                                                                      | Taste                         | IS:3025(Part 8):1984(RA:2017)        | Agreeable        | -                 | Agreeable     |
| c.                                                                      | Odour                         | IS:3025(Part 5):1983(RA:2017)        | Agreeable        | -                 | Agreeable     |
| d.                                                                      | pH Value                      | IS:3025 (Part - 11):1983(RA:2017)    | 6.5-8.5          | No relaxation     | 8.09          |
| e.                                                                      | Turbidity(NTU)                | IS:3025(Part 10):1984(RA:2017)       | 1 Max.           | 5 Max.            | 1.20          |
| f.                                                                      | Total Dissolved Solids,(mg/l) | IS:3025(Part 16):1984(RA.2006)       | 500 Max.         | 2000 Max.         | 980           |
| <b>2. Parameters Concerning Undesirable Substances in excess amount</b> |                               |                                      |                  |                   |               |
| a.                                                                      | Aluminium as Al, (mg/l)       | IS:3025(Part 55):RA2014              | 0.03 Max.        | 0.2 Max.          | BLQ(LOQ:0.02) |

  
30-12-2021  
Gaurav Khandelwal  
[Authorized Signatory]

  
Saurabh Sharma  
30-12-2021  
Reviewer

  
30-12-2021  
PremKumar  
[Authorized Signatory]

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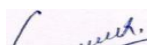
## Test Report

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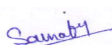
Page 3 of 5

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2112221024<br><b>Sample Reg. Date</b> :22-12-2021<br><b>Report Date</b> :30-12-2021<br><b>Report No.</b> :ICE-2112301510<br><b>NABL ULR No.</b> :TC592621000015852F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|    |                                                                  |                                                          |            |               |                |
|----|------------------------------------------------------------------|----------------------------------------------------------|------------|---------------|----------------|
| b. | Ammonia (as total ammonia-N) (mg/l)                              | IS:3025(Part 34):1988(RA:2014)                           | 0.5 Max.   | No Relaxation | BLQ(LOQ:0.1)   |
| c. | Anionic detergent(as MBAS),(mg/l)                                | IS:13428:2005(RA:2009)-Annex K                           | 0.2 Max.   | 1.0 Max.      | BLQ(LOQ:0.05)  |
| d. | Barium (as Ba) (mg/l)                                            | IS:13428:2005(RA:2014)Annex. F/IS:3025(P-65)             | 0.7 Max.   | No relaxation | BLQ(LOQ:0.3)   |
| e. | Boron (as B) (mg/l)                                              | Apha 23rd Edn.2017-3120 B/IS:3025(Part 57):2004(RA:2017) | 0.5 Max.   | 2.4 Max.      | BLQ(LOQ:0.5)   |
| f. | Calcium(as Ca), (mg/l)                                           | IS:3025(Part 40):1991(RA:2014) amd no 1                  | 75 Max.    | 200 Max.      | 125.6          |
| g. | Chloramines (as Cl <sub>2</sub> ), (mg/l)                        | IS:3025(Part 26):1986 amd no 1(RA 2014)                  | 4.0 Max.   | No relaxation | BLQ(LOQ:0.02)  |
| h. | Chloride(as Cl) (mg/l)                                           | IS:3025(Part 32):1988(RA:2014)                           | 250 Max.   | 1000 Max.     | 53.4           |
| i. | Copper (as Cu) (mg/l)                                            | IS:3025(P-65)                                            | 0.05 Max.  | 1.5 Max.      | BLQ(LOQ:0.002) |
| j. | Fluoride as F (mg/l)                                             | IS:3025(Part 60):2008 amd. no 1(RA:2013)                 | 1.0 Max.   | 1.5 Max.      | 0.4            |
| k. | Phenolic compounds (as C <sub>6</sub> H <sub>5</sub> OH), (mg/l) | IS:3025(P-43)                                            | 0.001 Max. | 0.002 Max.    | BLQ(LOQ:0.001) |
| l. | Free Residual Chlorine, (mg/l)                                   | IS:3025(P-26)                                            | 0.2 Min.   | 1.0 Max.      | Not Applicable |
| m. | Iron (as Fe) (mg/l)                                              | IS:3025(Part 53):2003(RA:2014)                           | 1.0 Max.   | No relaxation | BLQ(LOQ:0.01)  |
| n. | Magnesium as Mg (mg/l)                                           | IS:3025(Part 46):1994 amd. no. 2(RA:2014)                | 30 Max.    | 100 Max.      | 46.3           |
| o. | Manganese as Mn, (mg/l)                                          | Apha 23rd Edn.2017-3125 B/IS:3025(Part 59):2004(RA:2017) | 0.1 Max.   | 0.3 Max.      | BLQ(LOQ:0.1)   |
| p. | Mineral Oil, (mg/l)                                              | Clause 6 of IS:3025(Part39)                              | 1.0 Max.   | No Relaxation | BLQ(LOQ:0.01)  |



30-12-2021  
**Gaurav Khandelwal**  
 [Authorized Signatory]



Saurabh Sharma  
 30-12-2021  
 Reviewer



30-12-2021  
**PremKumar**  
 [Authorized Signatory]

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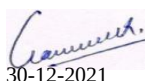
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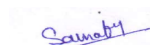
Page 4 of 5

|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2112221024<br><b>Sample Reg. Date</b> :22-12-2021<br><b>Report Date</b> :30-12-2021<br><b>Report No.</b> :ICE-2112301510<br><b>NABL ULR No.</b> :TC592621000015852F<br><b>Customer Ref. No.:</b> Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                  |                                               |                                      |                                              |               |                |
|--------------------------------------------------|-----------------------------------------------|--------------------------------------|----------------------------------------------|---------------|----------------|
| q.                                               | Nitrate as NO <sub>3</sub> (mg/l)             | IS:3025(Part 34):1988(RA:2014)       | 45 Max.                                      | No Relaxation | BLQ(LOQ:1.0)   |
| r.                                               | Selenium (as Se) (mg/l)                       | IS:3025(P-65)                        | 0.01 Max.                                    | No Relaxation | BLQ(LOQ:0.002) |
| s.                                               | Silver (as Ag) (mg/l)                         | IS:3025(P-65)                        | 0.1 Max.                                     | No Relaxation | BLQ(LOQ:0.002) |
| t.                                               | Sulphate(as SO <sub>4</sub> ) (mg/l)          | IS:3025(Part 24):1986(RA:2014)       | 200 Max.                                     | 400 Max.      | 48             |
| u.                                               | Sulphide as H <sub>2</sub> S, (mg/l)          | IS:3025(Part 29)                     | 0.05 Max.                                    | No Relaxation | BLQ(LOQ:0.05)  |
| v.                                               | Total Alkalinity(as CaCO <sub>3</sub> )(mg/l) | IS:3025(Part 23)                     | 200 Max.                                     | 600 Max.      | 496.4          |
| w.                                               | Total Hardness(as CaCO <sub>3</sub> ), (mg/l) | IS 3025 (Part 21)                    | 200 Max.                                     | 600 Max.      | 504.7          |
| x.                                               | Zinc(as Zn)(mg/l)                             | IS:3025(P-65)                        | 5 Max.                                       | 15 Max.       | BLQ(LOQ:0.002) |
| <b>3. Parameters Concerning Toxic Substances</b> |                                               |                                      |                                              |               |                |
| a.                                               | Cadmium(as Cd)(mg/l)                          | IS:3025(P-65)                        | 0.003 Max.                                   | No Relaxation | BLQ(LOQ:0.002) |
| b.                                               | Cyanide(asCN)(mg/l)                           | IS:3025(Part 27)                     | 0.05 Max.                                    | No Relaxation | BLQ(LOQ:0.01)  |
| c.                                               | Lead(as Pb)(mg/l)                             | IS:3025(P-65)                        | 0.01 Max.                                    | No Relaxation | BLQ(LOQ:0.002) |
| d.                                               | Mercury(as Hg)(mg/l)                          | IS:3025(P-65)                        | 0.001 Max.                                   | No Relaxation | BLQ(LOQ:0.001) |
| e.                                               | Molybdenum(as Mo)(mg/l)                       | IS:3025(P-65)                        | 0.07 Max.                                    | No Relaxation | BLQ(LOQ:0.002) |
| f.                                               | Nickel(as Ni) (mg/l)                          | IS:3025(P-65)                        | 0.02 Max.                                    | No Relaxation | BLQ(LOQ:0.002) |
| g.                                               | Total Arsenic(as As)(mg/l)                    | IS:3025(P-65)                        | 0.01 Max.                                    | No relaxation | BLQ(LOQ:0.002) |
| h.                                               | Total Chromium(as Cr)(mg/l)                   | IS:3025(P-65)                        | 0.05 Max.                                    | No Relaxation | BLQ(LOQ:0.002) |
| <b>Discipline : Biological</b>                   |                                               |                                      |                                              |               |                |
| <b>Group : Water</b>                             |                                               |                                      |                                              |               |                |
| <b>1. Microbiological Tests</b>                  |                                               |                                      |                                              |               |                |
| a.                                               | E.Coli/100 ml                                 | IS:15185(Membrane Filtration Method) | Shall not be detectable in any 100 ml sample | -             | Absent         |
| b.                                               | Total Coliform Count/100 ml                   | IS:15185(Membrane Filtration Method) | Shall not be detectable in any 100 ml sample | -             | Absent         |

  
30-12-2021

Gaurav Khandelwal  
[Authorized Signatory]

  
30-12-2021

Saurabh Sharma  
30-12-2021  
Reviewer

  
30-12-2021

PremKumar  
[Authorized Signatory]

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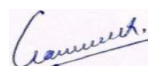
|                                                                                                             |                                               |
|-------------------------------------------------------------------------------------------------------------|-----------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2112221024        |
|                                                                                                             | <b>Sample Reg. Date</b> :22-12-2021           |
|                                                                                                             | <b>Report Date</b> :30-12-2021                |
|                                                                                                             | <b>Report No.</b> :ICE-2112301510             |
|                                                                                                             | <b>NABL ULR No.</b> :TC592621000015852F       |
|                                                                                                             | <b>Customer Ref. No.</b> :Order No.5030010814 |
|                                                                                                             | <b>Letter Dated</b> :29.10.2020               |

'#' represents Customer Defined Fields

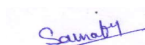
**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Sampling Procedure - SOP/ITC/EW/030,

**REMARKS :** The above referred sample of Bore Well Water conforms to BIS Specification IS:10500-2012 with upto date amdots with respect to the above tests.

\*\*\*\*\*End Of Report\*\*\*\*\*



30-12-2021  
Gaurav Khandelwal  
[Authorized Signatory]



Saurabh Sharma  
30-12-2021  
Reviewer



30-12-2021  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
Panchkula-134109 (Haryana)  
Phone : (O) 0172-2561543, 2565825  
Email : customersupport@itclabs.com  
Visit us : www.itclabs.com

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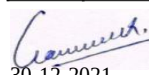
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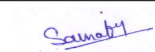
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2112221022<br><b>Sample Reg. Date</b> :22-12-2021<br><b>Report Date</b> :30-12-2021<br><b>Report No.</b> :ICE-2112301508<br><b>NABL ULR No.</b> :TC592621000015842F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                               |                                        |
|---------------------------------------------------------------|----------------------------------------|
| <b>Test Report as per IS:</b> BIS Specification IS:10500-2012 | <b>With Amendment No.(s):</b> 01 to 03 |
|---------------------------------------------------------------|----------------------------------------|

### PART A : PARTICULARS OF SAMPLE SUBMITTED

|    |                                            |                                                                                    |
|----|--------------------------------------------|------------------------------------------------------------------------------------|
| a) | Nature of Sample <sup>#</sup>              | Bore Well Water                                                                    |
| b) | Sample Condition                           | Good                                                                               |
| c) | Grade / Variety / Type / Class / Size etc. | NA                                                                                 |
| d) | Brand Name                                 | NA                                                                                 |
| e) | Declared Values,if any                     | NA                                                                                 |
| f) | Code No.                                   |  |
| g) | Batch Number <sup>#</sup>                  | NA                                                                                 |
| h) | D.O.M <sup>#</sup>                         | NA                                                                                 |
| i) | Date of Expiry <sup>#</sup>                | NA                                                                                 |
| j) | Sample Quantity <sup>#</sup>               | 7 Ltr                                                                              |
| k) | Batch Size/Location <sup>#</sup>           | NA                                                                                 |
| l) | Mode of Packing                            | Packed in bottles                                                                  |
| m) | Date of Receipt                            | 22-12-2021                                                                         |
| n) | Date of Start                              | 22-12-2021                                                                         |
| o) | Date of Completion                         | 30-12-2021                                                                         |
| p) | Seal (Intact/Not Intact/Unsealed)          | NA                                                                                 |
| q) | IO'S Signature (Signed/Unsigned)           | Unsigned                                                                           |
| r) | Any Other Information                      | Sample collected by lab rep. Mr. Vipin on 18.12.2021, Sample from Village: Khanpur |
| s) | Test Request Submitted By                  | Jhajjar Power Limited-Jhajjar ( Haryana )                                          |
| t) | Manufactured By <sup>#</sup>               | NA                                                                                 |

  
30-12-2021  
**Gaurav Khandelwal**  
[Authorized Signatory]

  
30-12-2021  
**Saurabh Sharma**  
Reviewer

  
30-12-2021  
**PremKumar**  
[Authorized Signatory]

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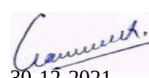
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|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2112221022<br><b>Sample Reg. Date</b> :22-12-2021<br><b>Report Date</b> :30-12-2021<br><b>Report No.</b> :ICE-2112301508<br><b>NABL ULR No.</b> :TC592621000015842F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

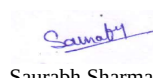
|                  |    |
|------------------|----|
| u) Supplied By # | NA |
|------------------|----|

### PART B : SUPPLEMENTARY INFORMATIONS

|                                                                                                                                                                 |       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| a. Reference to sampling procedure, whenever applicable                                                                                                         | : N/A |
| b. Supporting documents for the measurement taken and results derived like graphs, tables, sketches and / or photographs as appropriate to test reports, if any | : N/A |
| c. Deviation from the test methods as prescribed in relevant ISS/WORK Instruments, if any                                                                       | : N/A |

| Description                                                             |                               |                                      |                  |                   |               |
|-------------------------------------------------------------------------|-------------------------------|--------------------------------------|------------------|-------------------|---------------|
| Description                                                             | Colorless liquid              |                                      |                  |                   |               |
| S.No.                                                                   | Parameters                    | Method                               | Acceptable Limit | Permissible Limit | Result        |
| <b>Discipline : Chemical</b>                                            |                               |                                      |                  |                   |               |
| <b>Group : Water</b>                                                    |                               |                                      |                  |                   |               |
| <b>1. Organoleptic &amp; Physical Parameter</b>                         |                               |                                      |                  |                   |               |
| a.                                                                      | Colour (Hazen)                | IS:3025(Part4):1983(RA:2017)amd. no1 | 5 Max.           | 15 Max.           | 4             |
| b.                                                                      | Taste                         | IS:3025(Part 8):1984(RA:2017)        | Agreeable        | -                 | Agreeable     |
| c.                                                                      | Odour                         | IS:3025(Part 5):1983(RA:2017)        | Agreeable        | -                 | Agreeable     |
| d.                                                                      | pH Value                      | IS:3025 (Part - 11):1983(RA:2017)    | 6.5-8.5          | No relaxation     | 7.71          |
| e.                                                                      | Turbidity(NTU)                | IS:3025(Part 10):1984(RA:2017)       | 1 Max.           | 5 Max.            | 2.12          |
| f.                                                                      | Total Dissolved Solids,(mg/l) | IS:3025(Part 16):1984(RA.2006)       | 500 Max.         | 2000 Max.         | 929           |
| <b>2. Parameters Concerning Undesirable Substances in excess amount</b> |                               |                                      |                  |                   |               |
| a.                                                                      | Aluminium as Al, (mg/l)       | IS:3025(Part 55):RA2014              | 0.03 Max.        | 0.2 Max.          | BLQ(LOQ:0.02) |

  
30-12-2021  
Gaurav Khandelwal  
[Authorized Signatory]

  
Saurabh Sharma  
30-12-2021  
Reviewer

  
30-12-2021  
PremKumar  
[Authorized Signatory]

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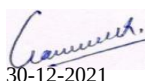
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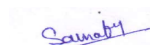
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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2112221022<br><b>Sample Reg. Date</b> :22-12-2021<br><b>Report Date</b> :30-12-2021<br><b>Report No.</b> :ICE-2112301508<br><b>NABL ULR No.</b> :TC592621000015842F<br><b>Customer Ref. No.:</b> Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|    |                                                                  |                                                          |            |               |                |
|----|------------------------------------------------------------------|----------------------------------------------------------|------------|---------------|----------------|
| b. | Ammonia (as total ammonia-N) (mg/l)                              | IS:3025(Part 34):1988(RA:2014)                           | 0.5 Max.   | No Relaxation | BLQ(LOQ:0.1)   |
| c. | Anionic detergent(as MBAS),(mg/l)                                | IS:13428:2005(RA:2009)-Annex K                           | 0.2 Max.   | 1.0 Max.      | BLQ(LOQ:0.05)  |
| d. | Barium (as Ba) (mg/l)                                            | IS:13428:2005(RA:2014)Annex. F/IS:3025(P-65)             | 0.7 Max.   | No relaxation | BLQ(LOQ:0.3)   |
| e. | Boron (as B) (mg/l)                                              | Apha 23rd Edn.2017-3120 B/IS:3025(Part 57):2004(RA:2017) | 0.5 Max.   | 2.4 Max.      | BLQ(LOQ:0.5)   |
| f. | Calcium(as Ca), (mg/l)                                           | IS:3025(Part 40):1991(RA:2014) amd no 1                  | 75 Max.    | 200 Max.      | 113.8          |
| g. | Chloramines (as Cl <sub>2</sub> ), (mg/l)                        | IS:3025(Part 26):1986 amd no 1(RA 2014)                  | 4.0 Max.   | No relaxation | BLQ(LOQ:0.02)  |
| h. | Chloride(as Cl) (mg/l)                                           | IS:3025(Part 32):1988(RA:2014)                           | 250 Max.   | 1000 Max.     | 53.4           |
| i. | Copper (as Cu) (mg/l)                                            | IS:3025(P-65)                                            | 0.05 Max.  | 1.5 Max.      | BLQ(LOQ:0.002) |
| j. | Fluoride as F (mg/l)                                             | IS:3025(Part 60):2008 amd. no 1(RA:2013)                 | 1.0 Max.   | 1.5 Max.      | 0.4            |
| k. | Phenolic compounds (as C <sub>6</sub> H <sub>5</sub> OH), (mg/l) | IS:3025(P-43)                                            | 0.001 Max. | 0.002 Max.    | BLQ(LOQ:0.001) |
| l. | Free Residual Chlorine, (mg/l)                                   | IS:3025(P-26)                                            | 0.2 Min.   | 1.0 Max.      | Not Applicable |
| m. | Iron (as Fe) (mg/l)                                              | IS:3025(Part 53):2003(RA:2014)                           | 1.0 Max.   | No relaxation | BLQ(LOQ:0.01)  |
| n. | Magnesium as Mg (mg/l)                                           | IS:3025(Part 46):1994 amd. no. 2(RA:2014)                | 30 Max.    | 100 Max.      | 49.9           |
| o. | Manganese as Mn, (mg/l)                                          | Apha 23rd Edn.2017-3125 B/IS:3025(Part 59):2004(RA:2017) | 0.1 Max.   | 0.3 Max.      | BLQ(LOQ:0.1)   |
| p. | Mineral Oil, (mg/l)                                              | Clause 6 of IS:3025(Part39)                              | 1.0 Max.   | No Relaxation | BLQ(LOQ:0.01)  |

  
30-12-2021

**Gaurav Khandelwal**  
[Authorized Signatory]

  
30-12-2021

**Saurabh Sharma**  
30-12-2021  
Reviewer

  
30-12-2021

**PremKumar**  
[Authorized Signatory]

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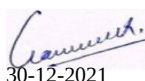
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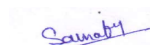
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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2112221022<br><b>Sample Reg. Date</b> :22-12-2021<br><b>Report Date</b> :30-12-2021<br><b>Report No.</b> :ICE-2112301508<br><b>NABL ULR No.</b> :TC592621000015842F<br><b>Customer Ref. No.:</b> Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                  |                                               |                                      |                                              |               |                |
|--------------------------------------------------|-----------------------------------------------|--------------------------------------|----------------------------------------------|---------------|----------------|
| q.                                               | Nitrate as NO <sub>3</sub> (mg/l)             | IS:3025(Part 34):1988(RA:2014)       | 45 Max.                                      | No Relaxation | BLQ(LOQ:1.0)   |
| r.                                               | Selenium (as Se) (mg/l)                       | IS:3025(P-65)                        | 0.01 Max.                                    | No Relaxation | BLQ(LOQ:0.002) |
| s.                                               | Silver (as Ag) (mg/l)                         | IS:3025(P-65)                        | 0.1 Max.                                     | No Relaxation | BLQ(LOQ:0.002) |
| t.                                               | Sulphate(as SO <sub>4</sub> ) (mg/l)          | IS:3025(Part 24):1986(RA:2014)       | 200 Max.                                     | 400 Max.      | 61             |
| u.                                               | Sulphide as H <sub>2</sub> S, (mg/l)          | IS:3025(Part 29)                     | 0.05 Max.                                    | No Relaxation | BLQ(LOQ:0.05)  |
| v.                                               | Total Alkalinity(as CaCO <sub>3</sub> )(mg/l) | IS:3025(Part 23)                     | 200 Max.                                     | 600 Max.      | 485            |
| w.                                               | Total Hardness(as CaCO <sub>3</sub> ), (mg/l) | IS 3025 (Part 21)                    | 200 Max.                                     | 600 Max.      | 490            |
| x.                                               | Zinc(as Zn)(mg/l)                             | IS:3025(P-65)                        | 5 Max.                                       | 15 Max.       | BLQ(LOQ:0.002) |
| <b>3. Parameters Concerning Toxic Substances</b> |                                               |                                      |                                              |               |                |
| a.                                               | Cadmium(as Cd)(mg/l)                          | IS:3025(P-65)                        | 0.003 Max.                                   | No Relaxation | BLQ(LOQ:0.002) |
| b.                                               | Cyanide(asCN)(mg/l)                           | IS:3025(Part 27)                     | 0.05 Max.                                    | No Relaxation | BLQ(LOQ:0.01)  |
| c.                                               | Lead(as Pb)(mg/l)                             | IS:3025(P-65)                        | 0.01 Max.                                    | No Relaxation | BLQ(LOQ:0.002) |
| d.                                               | Mercury(as Hg)(mg/l)                          | IS:3025(P-65)                        | 0.001 Max.                                   | No Relaxation | BLQ(LOQ:0.001) |
| e.                                               | Molybdenum(as Mo)(mg/l)                       | IS:3025(P-65)                        | 0.07 Max.                                    | No Relaxation | BLQ(LOQ:0.002) |
| f.                                               | Nickel(as Ni) (mg/l)                          | IS:3025(P-65)                        | 0.02 Max.                                    | No Relaxation | BLQ(LOQ:0.002) |
| g.                                               | Total Arsenic(as As)(mg/l)                    | IS:3025(P-65)                        | 0.01 Max.                                    | No relaxation | BLQ(LOQ:0.002) |
| h.                                               | Total Chromium(as Cr)(mg/l)                   | IS:3025(P-65)                        | 0.05 Max.                                    | No Relaxation | BLQ(LOQ:0.002) |
| <b>Discipline : Biological</b>                   |                                               |                                      |                                              |               |                |
| <b>Group : Water</b>                             |                                               |                                      |                                              |               |                |
| <b>1. Microbiological Tests</b>                  |                                               |                                      |                                              |               |                |
| a.                                               | E.Coli/100 ml                                 | IS:15185(Membrane Filtration Method) | Shall not be detectable in any 100 ml sample | -             | Absent         |
| b.                                               | Total Coliform Count/100 ml                   | IS:15185(Membrane Filtration Method) | Shall not be detectable in any 100 ml sample | -             | Absent         |

  
30-12-2021

Gaurav Khandelwal  
[Authorized Signatory]

  
30-12-2021

Saurabh Sharma  
30-12-2021  
Reviewer

  
30-12-2021

PremKumar  
[Authorized Signatory]

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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2112221022<br><b>Sample Reg. Date</b> :22-12-2021<br><b>Report Date</b> :30-12-2021<br><b>Report No.</b> :ICE-2112301508<br><b>NABL ULR No.</b> :TC592621000015842F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
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'#' represents Customer Defined Fields

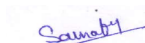
**NOTE** : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Sampling Procedure - SOP/ITC/EW/030,

**REMARKS** :The above referred sample of Bore Well Water conforms to BIS Specification IS:10500-2012 with upto date amdts with respect to the above tests.

\*\*\*\*\*End Of Report\*\*\*\*\*



30-12-2021  
Gaurav Khandelwal  
[Authorized Signatory]



Saurabh Sharma  
30-12-2021  
Reviewer



30-12-2021  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
Panchkula-134109 (Haryana)  
Phone : (O) 0172-2561543, 2565825  
Email : customersupport@itclabs.com  
Visit us :www.itclabs.com

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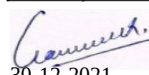
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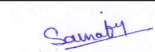
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|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2112221026<br><b>Sample Reg. Date</b> :22-12-2021<br><b>Report Date</b> :30-12-2021<br><b>Report No.</b> :ICE-2112301509<br><b>NABL ULR No.</b> :TC592621000015850F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                               |                                        |
|---------------------------------------------------------------|----------------------------------------|
| <b>Test Report as per IS:</b> BIS Specification IS:10500-2012 | <b>With Amendment No.(s):</b> 01 to 03 |
|---------------------------------------------------------------|----------------------------------------|

### PART A : PARTICULARS OF SAMPLE SUBMITTED

|    |                                            |                                                                                    |
|----|--------------------------------------------|------------------------------------------------------------------------------------|
| a) | Nature of Sample #                         | Bore Well Water                                                                    |
| b) | Sample Condition                           | Good                                                                               |
| c) | Grade / Variety / Type / Class / Size etc. | NA                                                                                 |
| d) | Brand Name                                 | NA                                                                                 |
| e) | Declared Values,if any                     | NA                                                                                 |
| f) | Code No.                                   |  |
| g) | Batch Number #                             | NA                                                                                 |
| h) | D.O.M #                                    | NA                                                                                 |
| i) | Date of Expiry #                           | NA                                                                                 |
| j) | Sample Quantity #                          | 7 Ltr                                                                              |
| k) | Batch Size/Location #                      | NA                                                                                 |
| l) | Mode of Packing                            | Packed in bottles                                                                  |
| m) | Date of Receipt                            | 22-12-2021                                                                         |
| n) | Date of Start                              | 22-12-2021                                                                         |
| o) | Date of Completion                         | 30-12-2021                                                                         |
| p) | Seal (Intact/Not Intact/Unsealed)          | NA                                                                                 |
| q) | IO'S Signature (Signed/Unsigned)           | Unsigned                                                                           |
| r) | Any Other Information                      | Sample collected by lab rep. Mr. Vipin on 18.12.2021, Sample from Village: Jhamri  |
| s) | Test Request Submitted By                  | Jhajjar Power Limited-Jhajjar ( Haryana )                                          |
| t) | Manufactured By #                          | NA                                                                                 |

  
30-12-2021  
**Gaurav Khandelwal**  
[Authorized Signatory]

  
30-12-2021  
**Saurabh Sharma**  
Reviewer

  
30-12-2021  
**PremKumar**  
[Authorized Signatory]

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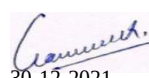
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2112221026<br><b>Sample Reg. Date</b> :22-12-2021<br><b>Report Date</b> :30-12-2021<br><b>Report No.</b> :ICE-2112301509<br><b>NABL ULR No.</b> :TC592621000015850F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
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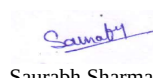
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|------------------|----|
| u) Supplied By # | NA |
|------------------|----|

### PART B : SUPPLEMENTARY INFORMATIONS

|                                                                                                                                                                 |       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| a. Reference to sampling procedure, whenever applicable                                                                                                         | : N/A |
| b. Supporting documents for the measurement taken and results derived like graphs, tables, sketches and / or photographs as appropriate to test reports, if any | : N/A |
| c. Deviation from the test methods as prescribed in relevant ISS/WORK Instruments, if any                                                                       | : N/A |

| Description                                                             |                               |                                      |                  |                   |               |
|-------------------------------------------------------------------------|-------------------------------|--------------------------------------|------------------|-------------------|---------------|
| Description                                                             | Colorless liquid              |                                      |                  |                   |               |
| S.No.                                                                   | Parameters                    | Method                               | Acceptable Limit | Permissible Limit | Result        |
| <b>Discipline : Chemical</b>                                            |                               |                                      |                  |                   |               |
| <b>Group : Water</b>                                                    |                               |                                      |                  |                   |               |
| <b>1. Organoleptic &amp; Physical Parameter</b>                         |                               |                                      |                  |                   |               |
| a.                                                                      | Colour (Hazen)                | IS:3025(Part4):1983(RA:2017)amd. no1 | 5 Max.           | 15 Max.           | 4             |
| b.                                                                      | Taste                         | IS:3025(Part 8):1984(RA:2017)        | Agreeable        | -                 | Agreeable     |
| c.                                                                      | Odour                         | IS:3025(Part 5):1983(RA:2017)        | Agreeable        | -                 | Agreeable     |
| d.                                                                      | pH Value                      | IS:3025 (Part - 11):1983(RA:2017)    | 6.5-8.5          | No relaxation     | 8.06          |
| e.                                                                      | Turbidity(NTU)                | IS:3025(Part 10):1984(RA:2017)       | 1 Max.           | 5 Max.            | 2.40          |
| f.                                                                      | Total Dissolved Solids,(mg/l) | IS:3025(Part 16):1984(RA.2006)       | 500 Max.         | 2000 Max.         | 961           |
| <b>2. Parameters Concerning Undesirable Substances in excess amount</b> |                               |                                      |                  |                   |               |
| a.                                                                      | Aluminium as Al, (mg/l)       | IS:3025(Part 55):RA2014              | 0.03 Max.        | 0.2 Max.          | BLQ(LOQ:0.02) |

  
30-12-2021  
Gaurav Khandelwal  
[Authorized Signatory]

  
Saurabh Sharma  
30-12-2021  
Reviewer

  
30-12-2021  
PremKumar  
[Authorized Signatory]

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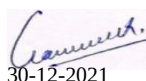
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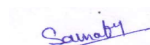
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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|    |                                                                  |                                                          |            |               |                |
|----|------------------------------------------------------------------|----------------------------------------------------------|------------|---------------|----------------|
| b. | Ammonia (as total ammonia-N) (mg/l)                              | IS:3025(Part 34):1988(RA:2014)                           | 0.5 Max.   | No Relaxation | BLQ(LOQ:0.1)   |
| c. | Anionic detergent(as MBAS),(mg/l)                                | IS:13428:2005(RA:2009)-Annex K                           | 0.2 Max.   | 1.0 Max.      | BLQ(LOQ:0.05)  |
| d. | Barium (as Ba) (mg/l)                                            | IS:13428:2005(RA:2014)Annex. F/IS:3025(P-65)             | 0.7 Max.   | No relaxation | BLQ(LOQ:0.3)   |
| e. | Boron (as B) (mg/l)                                              | Apha 23rd Edn.2017-3120 B/IS:3025(Part 57):2004(RA:2017) | 0.5 Max.   | 2.4 Max.      | BLQ(LOQ:0.5)   |
| f. | Calcium(as Ca), (mg/l)                                           | IS:3025(Part 40):1991(RA:2014) amd no 1                  | 75 Max.    | 200 Max.      | 121.6          |
| g. | Chloramines (as Cl <sub>2</sub> ), (mg/l)                        | IS:3025(Part 26):1986 amd no 1(RA 2014)                  | 4.0 Max.   | No relaxation | BLQ(LOQ:0.02)  |
| h. | Chloride(as Cl) (mg/l)                                           | IS:3025(Part 32):1988(RA:2014)                           | 250 Max.   | 1000 Max.     | 60.7           |
| i. | Copper (as Cu) (mg/l)                                            | IS:3025(P-65)                                            | 0.05 Max.  | 1.5 Max.      | BLQ(LOQ:0.002) |
| j. | Fluoride as F (mg/l)                                             | IS:3025(Part 60):2008 amd. no 1(RA:2013)                 | 1.0 Max.   | 1.5 Max.      | 0.4            |
| k. | Phenolic compounds (as C <sub>6</sub> H <sub>5</sub> OH), (mg/l) | IS:3025(P-43)                                            | 0.001 Max. | 0.002 Max.    | BLQ(LOQ:0.001) |
| l. | Free Residual Chlorine, (mg/l)                                   | IS:3025(P-26)                                            | 0.2 Min.   | 1.0 Max.      | Not Applicable |
| m. | Iron (as Fe) (mg/l)                                              | IS:3025(Part 53):2003(RA:2014)                           | 1.0 Max.   | No relaxation | BLQ(LOQ:0.01)  |
| n. | Magnesium as Mg (mg/l)                                           | IS:3025(Part 46):1994 amd. no. 2(RA:2014)                | 30 Max.    | 100 Max.      | 46.4           |
| o. | Manganese as Mn, (mg/l)                                          | Apha 23rd Edn.2017-3125 B/IS:3025(Part 59):2004(RA:2017) | 0.1 Max.   | 0.3 Max.      | BLQ(LOQ:0.1)   |
| p. | Mineral Oil, (mg/l)                                              | Clause 6 of IS:3025(Part39)                              | 1.0 Max.   | No Relaxation | BLQ(LOQ:0.01)  |

  
30-12-2021

**Gaurav Khandelwal**  
[Authorized Signatory]

  
30-12-2021

**Saurabh Sharma**  
30-12-2021  
Reviewer

  
30-12-2021

**PremKumar**  
[Authorized Signatory]

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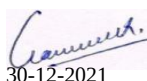
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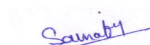
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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                  |                                               |                                      |                                              |               |                |
|--------------------------------------------------|-----------------------------------------------|--------------------------------------|----------------------------------------------|---------------|----------------|
| q.                                               | Nitrate as NO <sub>3</sub> (mg/l)             | IS:3025(Part 34):1988(RA:2014)       | 45 Max.                                      | No Relaxation | BLQ(LOQ:1.0)   |
| r.                                               | Selenium (as Se) (mg/l)                       | IS:3025(P-65)                        | 0.01 Max.                                    | No Relaxation | BLQ(LOQ:0.002) |
| s.                                               | Silver (as Ag) (mg/l)                         | IS:3025(P-65)                        | 0.1 Max.                                     | No Relaxation | BLQ(LOQ:0.002) |
| t.                                               | Sulphate(as SO <sub>4</sub> ) (mg/l)          | IS:3025(Part 24):1986(RA:2014)       | 200 Max.                                     | 400 Max.      | 56             |
| u.                                               | Sulphide as H <sub>2</sub> S, (mg/l)          | IS:3025(Part 29)                     | 0.05 Max.                                    | No Relaxation | BLQ(LOQ:0.05)  |
| v.                                               | Total Alkalinity(as CaCO <sub>3</sub> )(mg/l) | IS:3025(Part 23)                     | 200 Max.                                     | 600 Max.      | 491.1          |
| w.                                               | Total Hardness(as CaCO <sub>3</sub> ), (mg/l) | IS 3025 (Part 21)                    | 200 Max.                                     | 600 Max.      | 495            |
| x.                                               | Zinc(as Zn)(mg/l)                             | IS:3025(P-65)                        | 5 Max.                                       | 15 Max.       | BLQ(LOQ:0.002) |
| <b>3. Parameters Concerning Toxic Substances</b> |                                               |                                      |                                              |               |                |
| a.                                               | Cadmium(as Cd)(mg/l)                          | IS:3025(P-65)                        | 0.003 Max.                                   | No Relaxation | BLQ(LOQ:0.002) |
| b.                                               | Cyanide(asCN)(mg/l)                           | IS:3025(Part 27)                     | 0.05 Max.                                    | No Relaxation | BLQ(LOQ:0.01)  |
| c.                                               | Lead(as Pb)(mg/l)                             | IS:3025(P-65)                        | 0.01 Max.                                    | No Relaxation | BLQ(LOQ:0.002) |
| d.                                               | Mercury(as Hg)(mg/l)                          | IS:3025(P-65)                        | 0.001 Max.                                   | No Relaxation | BLQ(LOQ:0.001) |
| e.                                               | Molybdenum(as Mo)(mg/l)                       | IS:3025(P-65)                        | 0.07 Max.                                    | No Relaxation | BLQ(LOQ:0.002) |
| f.                                               | Nickel(as Ni) (mg/l)                          | IS:3025(P-65)                        | 0.02 Max.                                    | No Relaxation | BLQ(LOQ:0.002) |
| g.                                               | Total Arsenic(as As)(mg/l)                    | IS:3025(P-65)                        | 0.01 Max.                                    | No relaxation | BLQ(LOQ:0.002) |
| h.                                               | Total Chromium(as Cr)(mg/l)                   | IS:3025(P-65)                        | 0.05 Max.                                    | No Relaxation | BLQ(LOQ:0.002) |
| <b>Discipline : Biological</b>                   |                                               |                                      |                                              |               |                |
| <b>Group : Water</b>                             |                                               |                                      |                                              |               |                |
| <b>1. Microbiological Tests</b>                  |                                               |                                      |                                              |               |                |
| a.                                               | E.Coli/100 ml                                 | IS:15185(Membrane Filtration Method) | Shall not be detectable in any 100 ml sample | -             | Absent         |
| b.                                               | Total Coliform Count/100 ml                   | IS:15185(Membrane Filtration Method) | Shall not be detectable in any 100 ml sample | -             | Absent         |

  
30-12-2021

Gaurav Khandelwal  
[Authorized Signatory]

  
30-12-2021

Saurabh Sharma  
30-12-2021  
Reviewer

  
30-12-2021

Prem Kumar  
[Authorized Signatory]

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## Test Report

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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'#' represents Customer Defined Fields

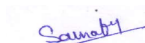
**NOTE** : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Sampling Procedure - SOP/ITC/EW/030,

**REMARKS** :The above referred sample of Bore Well Water conforms to BIS Specification IS:10500-2012 with upto date amdts with respect to the above tests.

\*\*\*\*\*End Of Report\*\*\*\*\*



30-12-2021  
Gaurav Khandelwal  
[Authorized Signatory]



Saurabh Sharma  
30-12-2021  
Reviewer



30-12-2021  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
Panchkula-134109 (Haryana)  
Phone : (O) 0172-2561543, 2565825  
Email : customersupport@itclabs.com  
Visit us :www.itclabs.com

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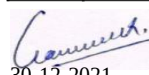
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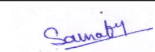
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|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                               |                                        |
|---------------------------------------------------------------|----------------------------------------|
| <b>Test Report as per IS:</b> BIS Specification IS:10500-2012 | <b>With Amendment No.(s):</b> 01 to 03 |
|---------------------------------------------------------------|----------------------------------------|

### PART A : PARTICULARS OF SAMPLE SUBMITTED

|    |                                            |                                                                                    |
|----|--------------------------------------------|------------------------------------------------------------------------------------|
| a) | Nature of Sample <sup>#</sup>              | Ground Water (Ash Dyke/Lagoon)                                                     |
| b) | Sample Condition                           | Good                                                                               |
| c) | Grade / Variety / Type / Class / Size etc. | NA                                                                                 |
| d) | Brand Name                                 | NA                                                                                 |
| e) | Declared Values,if any                     | NA                                                                                 |
| f) | Code No.                                   |  |
| g) | Batch Number <sup>#</sup>                  | NA                                                                                 |
| h) | D.O.M <sup>#</sup>                         | NA                                                                                 |
| i) | Date of Expiry <sup>#</sup>                | NA                                                                                 |
| j) | Sample Quantity <sup>#</sup>               | 7 Ltr                                                                              |
| k) | Batch Size/Location <sup>#</sup>           | NA                                                                                 |
| l) | Mode of Packing                            | Packed in cans & in bottles                                                        |
| m) | Date of Receipt                            | 15-12-2021                                                                         |
| n) | Date of Start                              | 15-12-2021                                                                         |
| o) | Date of Completion                         | 30-12-2021                                                                         |
| p) | Seal (Intact/Not Intact/Unsealed)          | NA                                                                                 |
| q) | IO'S Signature (Signed/Unsigned)           | Unsigned                                                                           |
| r) | Any Other Information                      | Sample collected by lab rep. Mr. Vipin on 10.12.2021, Sample from Up Stream        |
| s) | Test Request Submitted By                  | Jhajjar Power Limited-Jhajjar ( Haryana )                                          |
| t) | Manufactured By <sup>#</sup>               | NA                                                                                 |

  
30-12-2021  
**Gaurav Khandelwal**  
[Authorized Signatory]

  
30-12-2021  
**Saurabh Sharma**  
Reviewer

  
30-12-2021  
**PremKumar**  
[Authorized Signatory]

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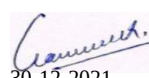
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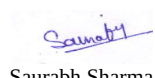
|                  |    |
|------------------|----|
| u) Supplied By # | NA |
|------------------|----|

### PART B : SUPPLEMENTARY INFORMATIONS

|                                                                                                                                                                 |       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| a. Reference to sampling procedure, whenever applicable                                                                                                         | : N/A |
| b. Supporting documents for the measurement taken and results derived like graphs, tables, sketches and / or photographs as appropriate to test reports, if any | : N/A |
| c. Deviation from the test methods as prescribed in relevant ISS/WORK Instruments, if any                                                                       | : N/A |

| Description                                                             |                               |                                      |                  |                   |               |
|-------------------------------------------------------------------------|-------------------------------|--------------------------------------|------------------|-------------------|---------------|
| Description                                                             |                               | Ground Water (Ash Dyke/Lagoon)       |                  |                   |               |
| S.No.                                                                   | Parameters                    | Method                               | Acceptable Limit | Permissible Limit | Result        |
| <b>Discipline : Chemical</b>                                            |                               |                                      |                  |                   |               |
| <b>Group : Water</b>                                                    |                               |                                      |                  |                   |               |
| <b>1. Organoleptic &amp; Physical Parameter</b>                         |                               |                                      |                  |                   |               |
| a.                                                                      | Colour (Hazen)                | IS:3025(Part4):1983(RA:2017)amd. no1 | 5 Max.           | 15 Max.           | 5             |
| b.                                                                      | Taste                         | IS:3025(Part 8):1984(RA:2017)        | Agreeable        | -                 | *             |
| c.                                                                      | Odour                         | IS:3025(Part 5):1983(RA:2017)        | Agreeable        | -                 | Agreeable     |
| d.                                                                      | pH Value                      | IS:3025 (Part - 11):1983(RA:2017)    | 6.5-8.5          | No relaxation     | 8.25          |
| e.                                                                      | Turbidity(NTU)                | IS:3025(Part 10):1984(RA:2017)       | 1 Max.           | 5 Max.            | 1.20          |
| f.                                                                      | Total Dissolved Solids,(mg/l) | IS:3025(Part 16):1984(RA.2006)       | 500 Max.         | 2000 Max.         | 2416          |
| <b>2. Parameters Concerning Undesirable Substances in excess amount</b> |                               |                                      |                  |                   |               |
| a.                                                                      | Aluminium as Al, (mg/l)       | IS:3025(Part 55):RA2014              | 0.03 Max.        | 0.2 Max.          | BLQ(LOQ:0.02) |

  
30-12-2021  
Gaurav Khandelwal  
[Authorized Signatory]

  
Saurabh Sharma  
30-12-2021  
Reviewer

  
30-12-2021  
PremKumar  
[Authorized Signatory]

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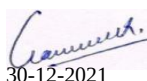
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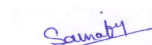
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|    |                                                                  |                                                          |            |               |                |
|----|------------------------------------------------------------------|----------------------------------------------------------|------------|---------------|----------------|
| b. | Ammonia (as total ammonia-N) (mg/l)                              | IS:3025(Part 34):1988(RA:2014)                           | 0.5 Max.   | No Relaxation | BLQ(LOQ:0.1)   |
| c. | Anionic detergent(as MBAS),(mg/l)                                | IS:13428:2005(RA:2009)-Annex K                           | 0.2 Max.   | 1.0 Max.      | BLQ(LOQ:0.05)  |
| d. | Barium (as Ba) (mg/l)                                            | IS:13428:2005(RA:2014)Annex. F/IS:3025(P-65)             | 0.7 Max.   | No relaxation | BLQ(LOQ:0.3)   |
| e. | Boron (as B) (mg/l)                                              | Apha 23rd Edn.2017-3120 B/IS:3025(Part 57):2004(RA:2017) | 0.5 Max.   | 2.4 Max.      | BLQ(LOQ:0.5)   |
| f. | Calcium(as Ca), (mg/l)                                           | IS:3025(Part 40):1991(RA:2014) amd no 1                  | 75 Max.    | 200 Max.      | 68.7           |
| g. | Chloramines (as Cl <sub>2</sub> ), (mg/l)                        | IS:3025(Part 26):1986 amd no 1(RA 2014)                  | 4.0 Max.   | No relaxation | BLQ(LOQ:0.02)  |
| h. | Chloride(as Cl) (mg/l)                                           | IS:3025(Part 32):1988(RA:2014)                           | 250 Max.   | 1000 Max.     | 886.3          |
| i. | Copper (as Cu) (mg/l)                                            | IS:3025(P-65)                                            | 0.05 Max.  | 1.5 Max.      | BLQ(LOQ:0.002) |
| j. | Fluoride as F (mg/l)                                             | IS:3025(Part 60):2008 amd. no 1(RA:2013)                 | 1.0 Max.   | 1.5 Max.      | 2.4            |
| k. | Phenolic compounds (as C <sub>6</sub> H <sub>5</sub> OH), (mg/l) | IS:3025(P-43)                                            | 0.001 Max. | 0.002 Max.    | BLQ(LOQ:0.001) |
| l. | Free Residual Chlorine, (mg/l)                                   | IS:3025(P-26)                                            | 0.2 Min.   | 1.0 Max.      | Not Applicable |
| m. | Iron (as Fe) (mg/l)                                              | IS:3025(Part 53):2003(RA:2014)                           | 1.0 Max.   | No relaxation | 0.039          |
| n. | Magnesium as Mg (mg/l)                                           | IS:3025(Part 46):1994 amd. no. 2(RA:2014)                | 30 Max.    | 100 Max.      | 101.1          |
| o. | Manganese as Mn, (mg/l)                                          | Apha 23rd Edn.2017-3125 B/IS:3025(Part 59):2004(RA:2017) | 0.1 Max.   | 0.3 Max.      | BLQ(LOQ:0.1)   |
| p. | Mineral Oil, (mg/l)                                              | Clause 6 of IS:3025(Part39)                              | 1.0 Max.   | No Relaxation | BLQ(LOQ:0.01)  |

  
30-12-2021

**Gaurav Khandelwal**  
[Authorized Signatory]



Saurabh Sharma  
30-12-2021  
Reviewer

  
30-12-2021

**PremKumar**  
[Authorized Signatory]

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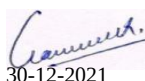
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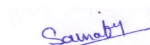
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|                                                  |                                               |                                      |                                              |               |                |
|--------------------------------------------------|-----------------------------------------------|--------------------------------------|----------------------------------------------|---------------|----------------|
| q.                                               | Nitrate as NO <sub>3</sub> (mg/l)             | IS:3025(Part 34):1988(RA:2014)       | 45 Max.                                      | No Relaxation | 3.2            |
| r.                                               | Selenium (as Se) (mg/l)                       | IS:3025(P-65)                        | 0.01 Max.                                    | No Relaxation | BLQ(LOQ:0.002) |
| s.                                               | Silver (as Ag) (mg/l)                         | IS:3025(P-65)                        | 0.1 Max.                                     | No Relaxation | BLQ(LOQ:0.002) |
| t.                                               | Sulphate(as SO <sub>4</sub> ) (mg/l)          | IS:3025(Part 24):1986(RA:2014)       | 200 Max.                                     | 400 Max.      | 625            |
| u.                                               | Sulphide as H <sub>2</sub> S, (mg/l)          | IS:3025(Part 29)                     | 0.05 Max.                                    | No Relaxation | BLQ(LOQ:0.05)  |
| v.                                               | Total Alkalinity(as CaCO <sub>3</sub> )(mg/l) | IS:3025(Part 23)                     | 200 Max.                                     | 600 Max.      | 449.4          |
| w.                                               | Total Hardness(as CaCO <sub>3</sub> ), (mg/l) | IS 3025 (Part 21)                    | 200 Max.                                     | 600 Max.      | 588            |
| x.                                               | Zinc(as Zn)(mg/l)                             | IS:3025(P-65)                        | 5 Max.                                       | 15 Max.       | 0.053          |
| <b>3. Parameters Concerning Toxic Substances</b> |                                               |                                      |                                              |               |                |
| a.                                               | Cadmium(as Cd)(mg/l)                          | IS:3025(P-65)                        | 0.003 Max.                                   | No Relaxation | BLQ(LOQ:0.002) |
| b.                                               | Cyanide(asCN)(mg/l)                           | IS:3025(Part 27)                     | 0.05 Max.                                    | No Relaxation | BLQ(LOQ:0.01)  |
| c.                                               | Lead(as Pb)(mg/l)                             | IS:3025(P-65)                        | 0.01 Max.                                    | No Relaxation | BLQ(LOQ:0.002) |
| d.                                               | Mercury(as Hg)(mg/l)                          | IS:3025(P-65)                        | 0.001 Max.                                   | No Relaxation | BLQ(LOQ:0.001) |
| e.                                               | Molybdenum(as Mo)(mg/l)                       | IS:3025(P-65)                        | 0.07 Max.                                    | No Relaxation | BLQ(LOQ:0.002) |
| f.                                               | Nickel(as Ni) (mg/l)                          | IS:3025(P-65)                        | 0.02 Max.                                    | No Relaxation | BLQ(LOQ:0.002) |
| g.                                               | Total Arsenic(as As)(mg/l)                    | IS:3025(P-65)                        | 0.01 Max.                                    | No relaxation | BLQ(LOQ:0.002) |
| h.                                               | Total Chromium(as Cr)(mg/l)                   | IS:3025(P-65)                        | 0.05 Max.                                    | No Relaxation | BLQ(LOQ:0.002) |
| <b>Discipline : Biological</b>                   |                                               |                                      |                                              |               |                |
| <b>Group : Water</b>                             |                                               |                                      |                                              |               |                |
| <b>1. Microbiological Tests</b>                  |                                               |                                      |                                              |               |                |
| a.                                               | E.Coli/100 ml                                 | IS:15185(Membrane Filtration Method) | Shall not be detectable in any 100 ml sample | -             | Absent         |
| b.                                               | Total Coliform Count/100 ml                   | IS:15185(Membrane Filtration Method) | Shall not be detectable in any 100 ml sample | -             | Absent         |

  
30-12-2021

Gaurav Khandelwal  
[Authorized Signatory]

  
30-12-2021

Saurabh Sharma  
30-12-2021  
Reviewer

  
30-12-2021

Prem Kumar  
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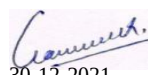
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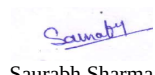
'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, \*Test not performed because Sample is not safe for ingestion, Sampling Procedure - SOP/ITC/EW/030

**REMARKS :**N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
30-12-2021  
**Gaurav Khandelwal**  
[Authorized Signatory]

  
Saurabh Sharma  
30-12-2021  
**Reviewer**

  
30-12-2021  
**PremKumar**  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)  
Panchkula-134109 (Haryana)  
Phone : (O) 0172-2561543, 2565825  
Email : customersupport@itclabs.com  
Visit us :www.itclabs.com

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## Test Report

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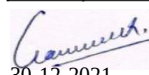
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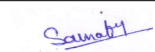
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2112150665<br><b>Sample Reg. Date</b> :15-12-2021<br><b>Report Date</b> :30-12-2021<br><b>Report No.</b> :ICE-2112301519<br><b>NABL ULR No.</b> :TC592621000015865F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                               |                                        |
|---------------------------------------------------------------|----------------------------------------|
| <b>Test Report as per IS:</b> BIS Specification IS:10500-2012 | <b>With Amendment No.(s):</b> 01 to 03 |
|---------------------------------------------------------------|----------------------------------------|

### PART A : PARTICULARS OF SAMPLE SUBMITTED

|    |                                            |                                                                                    |
|----|--------------------------------------------|------------------------------------------------------------------------------------|
| a) | Nature of Sample <sup>#</sup>              | Ground Water (Ash Dyke/Lagoon)                                                     |
| b) | Sample Condition                           | Good                                                                               |
| c) | Grade / Variety / Type / Class / Size etc. | NA                                                                                 |
| d) | Brand Name                                 | NA                                                                                 |
| e) | Declared Values,if any                     | NA                                                                                 |
| f) | Code No.                                   |  |
| g) | Batch Number <sup>#</sup>                  | NA                                                                                 |
| h) | D.O.M <sup>#</sup>                         | NA                                                                                 |
| i) | Date of Expiry <sup>#</sup>                | NA                                                                                 |
| j) | Sample Quantity <sup>#</sup>               | 7 Ltr                                                                              |
| k) | Batch Size/Location <sup>#</sup>           | NA                                                                                 |
| l) | Mode of Packing                            | Packed in cans & in bottles                                                        |
| m) | Date of Receipt                            | 15-12-2021                                                                         |
| n) | Date of Start                              | 15-12-2021                                                                         |
| o) | Date of Completion                         | 30-12-2021                                                                         |
| p) | Seal (Intact/Not Intact/Unsealed)          | NA                                                                                 |
| q) | IO'S Signature (Signed/Unsigned)           | Unsigned                                                                           |
| r) | Any Other Information                      | Sample collected by lab rep. Mr. Vipin on 10.12.2021, Sample from Down Stream      |
| s) | Test Request Submitted By                  | Jhajjar Power Limited-Jhajjar ( Haryana )                                          |
| t) | Manufactured By <sup>#</sup>               | NA                                                                                 |

  
30-12-2021  
**Gaurav Khandelwal**  
[Authorized Signatory]

  
30-12-2021  
**Saurabh Sharma**  
Reviewer

  
30-12-2021  
**PremKumar**  
[Authorized Signatory]

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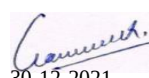
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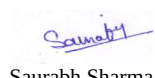
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|------------------|----|
| u) Supplied By # | NA |
|------------------|----|

### PART B : SUPPLEMENTARY INFORMATIONS

|                                                                                                                                                                 |       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| a. Reference to sampling procedure, whenever applicable                                                                                                         | : N/A |
| b. Supporting documents for the measurement taken and results derived like graphs, tables, sketches and / or photographs as appropriate to test reports, if any | : N/A |
| c. Deviation from the test methods as prescribed in relevant ISS/WORK Instruments, if any                                                                       | : N/A |

| Description                                                             |                               |                                      |                  |                   |               |
|-------------------------------------------------------------------------|-------------------------------|--------------------------------------|------------------|-------------------|---------------|
| Description                                                             |                               | Ground Water (Ash Dyke/Lagoon)       |                  |                   |               |
| S.No.                                                                   | Parameters                    | Method                               | Acceptable Limit | Permissible Limit | Result        |
| <b>Discipline : Chemical</b>                                            |                               |                                      |                  |                   |               |
| <b>Group : Water</b>                                                    |                               |                                      |                  |                   |               |
| <b>1. Organoleptic &amp; Physical Parameter</b>                         |                               |                                      |                  |                   |               |
| a.                                                                      | Colour (Hazen)                | IS:3025(Part4):1983(RA:2017)amd. no1 | 5 Max.           | 15 Max.           | 10            |
| b.                                                                      | Taste                         | IS:3025(Part 8):1984(RA:2017)        | Agreeable        | -                 | *             |
| c.                                                                      | Odour                         | IS:3025(Part 5):1983(RA:2017)        | Agreeable        | -                 | Agreeable     |
| d.                                                                      | pH Value                      | IS:3025 (Part - 11):1983(RA:2017)    | 6.5-8.5          | No relaxation     | 8.34          |
| e.                                                                      | Turbidity(NTU)                | IS:3025(Part 10):1984(RA:2017)       | 1 Max.           | 5 Max.            | 6.4           |
| f.                                                                      | Total Dissolved Solids,(mg/l) | IS:3025(Part 16):1984(RA.2006)       | 500 Max.         | 2000 Max.         | 2240          |
| <b>2. Parameters Concerning Undesirable Substances in excess amount</b> |                               |                                      |                  |                   |               |
| a.                                                                      | Aluminium as Al, (mg/l)       | IS:3025(Part 55):RA2014              | 0.03 Max.        | 0.2 Max.          | BLQ(LOQ:0.02) |

  
30-12-2021  
Gaurav Khandelwal  
[Authorized Signatory]

  
Saurabh Sharma  
30-12-2021  
Reviewer

  
30-12-2021  
PremKumar  
[Authorized Signatory]

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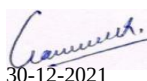
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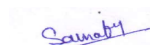
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|    |                                                                  |                                                          |            |               |                |
|----|------------------------------------------------------------------|----------------------------------------------------------|------------|---------------|----------------|
| b. | Ammonia (as total ammonia-N) (mg/l)                              | IS:3025(Part 34):1988(RA:2014)                           | 0.5 Max.   | No Relaxation | BLQ(LOQ:0.1)   |
| c. | Anionic detergent(as MBAS),(mg/l)                                | IS:13428:2005(RA:2009)-Annex K                           | 0.2 Max.   | 1.0 Max.      | BLQ(LOQ:0.05)  |
| d. | Barium (as Ba) (mg/l)                                            | IS:13428:2005(RA:2014)Annex. F/IS:3025(P-65)             | 0.7 Max.   | No relaxation | BLQ(LOQ:0.3)   |
| e. | Boron (as B) (mg/l)                                              | Apha 23rd Edn.2017-3120 B/IS:3025(Part 57):2004(RA:2017) | 0.5 Max.   | 2.4 Max.      | BLQ(LOQ:0.5)   |
| f. | Calcium(as Ca), (mg/l)                                           | IS:3025(Part 40):1991(RA:2014) amd no 1                  | 75 Max.    | 200 Max.      | 90.3           |
| g. | Chloramines (as Cl <sub>2</sub> ), (mg/l)                        | IS:3025(Part 26):1986 amd no 1(RA 2014)                  | 4.0 Max.   | No relaxation | BLQ(LOQ:0.02)  |
| h. | Chloride(as Cl) (mg/l)                                           | IS:3025(Part 32):1988(RA:2014)                           | 250 Max.   | 1000 Max.     | 692            |
| i. | Copper (as Cu) (mg/l)                                            | IS:3025(P-65)                                            | 0.05 Max.  | 1.5 Max.      | BLQ(LOQ:0.002) |
| j. | Fluoride as F (mg/l)                                             | IS:3025(Part 60):2008 amd. no 1(RA:2013)                 | 1.0 Max.   | 1.5 Max.      | 2.0            |
| k. | Phenolic compounds (as C <sub>6</sub> H <sub>5</sub> OH), (mg/l) | IS:3025(P-43)                                            | 0.001 Max. | 0.002 Max.    | BLQ(LOQ:0.001) |
| l. | Free Residual Chlorine, (mg/l)                                   | IS:3025(P-26)                                            | 0.2 Min.   | 1.0 Max.      | not Applicable |
| m. | Iron (as Fe) (mg/l)                                              | IS:3025(Part 53):2003(RA:2014)                           | 1.0 Max.   | No relaxation | 0.046          |
| n. | Magnesium as Mg (mg/l)                                           | IS:3025(Part 46):1994 amd. no. 2(RA:2014)                | 30 Max.    | 100 Max.      | 54.7           |
| o. | Manganese as Mn, (mg/l)                                          | Apha 23rd Edn.2017-3125 B/IS:3025(Part 59):2004(RA:2017) | 0.1 Max.   | 0.3 Max.      | BLQ(LOQ:0.1)   |
| p. | Mineral Oil, (mg/l)                                              | Clause 6 of IS:3025(Part39)                              | 1.0 Max.   | No Relaxation | BLQ(LOQ:0.01)  |

  
30-12-2021

**Gaurav Khandelwal**  
[Authorized Signatory]

  
30-12-2021

**Saurabh Sharma**  
30-12-2021  
Reviewer

  
30-12-2021

**PremKumar**  
[Authorized Signatory]

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**Interstellar Testing Centre Pvt. Ltd.**

86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)

Panchkula-134109 (Haryana)

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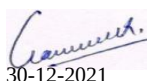
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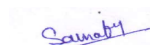
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|                                                  |                                               |                                      |                                              |               |                |
|--------------------------------------------------|-----------------------------------------------|--------------------------------------|----------------------------------------------|---------------|----------------|
| q.                                               | Nitrate as NO <sub>3</sub> (mg/l)             | IS:3025(Part 34):1988(RA:2014)       | 45 Max.                                      | No Relaxation | 2.4            |
| r.                                               | Selenium (as Se) (mg/l)                       | IS:3025(P-65)                        | 0.01 Max.                                    | No Relaxation | BLQ(LOQ:0.002) |
| s.                                               | Silver (as Ag) (mg/l)                         | IS:3025(P-65)                        | 0.1 Max.                                     | No Relaxation | BLQ(LOQ:0.002) |
| t.                                               | Sulphate(as SO <sub>4</sub> ) (mg/l)          | IS:3025(Part 24):1986(RA:2014)       | 200 Max.                                     | 400 Max.      | 224            |
| u.                                               | Sulphide as H <sub>2</sub> S, (mg/l)          | IS:3025(Part 29)                     | 0.05 Max.                                    | No Relaxation | BLQ(LOQ:0.05)  |
| v.                                               | Total Alkalinity(as CaCO <sub>3</sub> )(mg/l) | IS:3025(Part 23)                     | 200 Max.                                     | 600 Max.      | 340            |
| w.                                               | Total Hardness(as CaCO <sub>3</sub> ), (mg/l) | IS 3025 (Part 21)                    | 200 Max.                                     | 600 Max.      | 450.8          |
| x.                                               | Zinc(as Zn)(mg/l)                             | IS:3025(P-65)                        | 5 Max.                                       | 15 Max.       | 0.188          |
| <b>3. Parameters Concerning Toxic Substances</b> |                                               |                                      |                                              |               |                |
| a.                                               | Cadmium(as Cd)(mg/l)                          | IS:3025(P-65)                        | 0.003 Max.                                   | No Relaxation | BLQ(LOQ:0.002) |
| b.                                               | Cyanide(asCN)(mg/l)                           | IS:3025(Part 27)                     | 0.05 Max.                                    | No Relaxation | BLQ(LOQ:0.01)  |
| c.                                               | Lead(as Pb)(mg/l)                             | IS:3025(P-65)                        | 0.01 Max.                                    | No Relaxation | BLQ(LOQ:0.002) |
| d.                                               | Mercury(as Hg)(mg/l)                          | IS:3025(P-65)                        | 0.001 Max.                                   | No Relaxation | BLQ(LOQ:0.001) |
| e.                                               | Molybdenum(as Mo)(mg/l)                       | IS:3025(P-65)                        | 0.07 Max.                                    | No Relaxation | BLQ(LOQ:0.002) |
| f.                                               | Nickel(as Ni) (mg/l)                          | IS:3025(P-65)                        | 0.02 Max.                                    | No Relaxation | BLQ(LOQ:0.002) |
| g.                                               | Total Arsenic(as As)(mg/l)                    | IS:3025(P-65)                        | 0.01 Max.                                    | No relaxation | BLQ(LOQ:0.002) |
| h.                                               | Total Chromium(as Cr)(mg/l)                   | IS:3025(P-65)                        | 0.05 Max.                                    | No Relaxation | BLQ(LOQ:0.002) |
| <b>Discipline : Biological</b>                   |                                               |                                      |                                              |               |                |
| <b>Group : Water</b>                             |                                               |                                      |                                              |               |                |
| <b>1. Microbiological Tests</b>                  |                                               |                                      |                                              |               |                |
| a.                                               | E.Coli/100 ml                                 | IS:15185(Membrane Filtration Method) | Shall not be detectable in any 100 ml sample | -             | Absent         |
| b.                                               | Total Coliform Count/100 ml                   | IS:15185(Membrane Filtration Method) | Shall not be detectable in any 100 ml sample | -             | Absent         |

  
30-12-2021

Gaurav Khandelwal  
[Authorized Signatory]

  
30-12-2021

Saurabh Sharma  
30-12-2021  
Reviewer

  
30-12-2021

Prem Kumar  
[Authorized Signatory]

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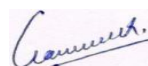
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'#' represents Customer Defined Fields

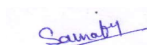
**NOTE :** NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, \*Test not performed because Sample is not safe for ingestion, Sampling Procedure - SOP/ITC/EW/030

**REMARKS :**N/A

\*\*\*\*\*End Of Report\*\*\*\*\*



30-12-2021  
Gaurav Khandelwal  
[Authorized Signatory]



Saurabh Sharma  
30-12-2021  
Reviewer



30-12-2021  
PremKumar  
[Authorized Signatory]

**Interstellar Testing Centre Pvt. Ltd.**  
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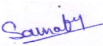
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|                                                                                         |                                                                                                                                                                                                                                                                                     |
|-----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b>                                                                        | <b>Sample Reg. No.</b> :E01-2112210986<br><b>Sample Reg. Date</b> :21-12-2021<br><b>Report Date</b> :22-12-2021<br><b>Report No.</b> :ICE-2112221000<br><b>NABL ULR No.</b> :TC592621000015315F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
| Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar |                                                                                                                                                                                                                                                                                     |

|                                         |                                                         |
|-----------------------------------------|---------------------------------------------------------|
| <b>Test Report as per :</b>             | : EPA Act 1986/PCLS/2010,G.S.R 281(E),Dated- 07.03.2016 |
| <b>General Information :</b>            |                                                         |
| Date of Monitoring                      | : 18-12-2021                                            |
| Time of Monitoring                      | : 14:20 hrs                                             |
| Purpose of Monitoring                   | : For Self Monitoring                                   |
| Source of Noise Pollution Monitored     | : DG Set-1 (1600 kVA)                                   |
| Engine No.                              | : DG-1-16171                                            |
| Make                                    | : Not Provide by party                                  |
| Date of mfg of DG Set                   | : Not Provide by party                                  |
| Date of Installation                    | : Not Provide by party                                  |
| Type approval No.                       | : Not Provide by party                                  |
| Pollution Control Device (if any)       | : Acoustic Enclosure                                    |
| Stack Height from Ground level to Top,m | : 9.5                                                   |
| Stack Height from Roof level,m          | : -                                                     |
| Location of noise Generating Source     | : Ground Floor                                          |

| Description |                                                               |                                      |               |        |
|-------------|---------------------------------------------------------------|--------------------------------------|---------------|--------|
| Description |                                                               | Noise DG Set-1 (1600 kVA) Monitoring |               |        |
| S.No.       | Parameters                                                    | Method                               | Specification | Result |
|             | <b>Discipline : Chemical</b>                                  |                                      |               |        |
|             | <b>Group : Atmospheric Pollution</b>                          |                                      |               |        |
| 1.          | <b>General Parameters</b>                                     |                                      |               |        |
| a.          | Open Door at 0.5 meter away from Acoustic Enclosure, dB (A)   | CPCB Guidelines                      | --            | 98.6   |
| b.          | Closed Door at 0.5 meter away from Acoustic Enclosure, dB (A) | CPCB Guidelines                      | Max. 75.0     | 73.4   |

  
Saurabh Sharma  
22-12-2021  
Reviewer

  
22-12-2021  
PremKumar  
[Authorized Signatory]

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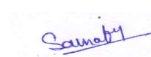
|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2112210986<br><b>Sample Reg. Date</b> :21-12-2021<br><b>Report Date</b> :22-12-2021<br><b>Report No.</b> :ICE-2112221000<br><b>NABL ULR No.</b> :TC592621000015315F<br><b>Customer Ref. No.:</b> Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
| c. Insertion Loss                                                                                           | CPCB Guidelines Min. 25.0 25.2                                                                                                                                                                                                                                                      |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, Requirements as per EPA Act 1986/PCLS/2010,G.S.R 281(E),Dated- 07.03.2016 , Sampling Procedure - SOP/ITC/EW/056

**REMARKS :**N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
22-12-2021  
Reviewer

  
22-12-2021  
PremKumar  
[Authorized Signatory]

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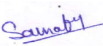
## Test Report

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Page 1 of 2

|                                                     |                                               |
|-----------------------------------------------------|-----------------------------------------------|
| <b>Issued To</b>                                    | <b>Sample Reg. No.</b> :E01-2112210987        |
| Jhajjar Power Limited                               | <b>Sample Reg. Date</b> :21-12-2021           |
| Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar | <b>Report Date</b> :22-12-2021                |
| Jhajjar                                             | <b>Report No.</b> :ICE-2112221001             |
|                                                     | <b>NABL ULR No.</b> :TC592621000015317F       |
|                                                     | <b>Customer Ref. No.</b> :Order No.5030010814 |
|                                                     | <b>Letter Dated</b> :29.10.2020               |

|                                         |                                                         |
|-----------------------------------------|---------------------------------------------------------|
| <b>Test Report as per :</b>             | : EPA Act 1986/PCLS/2010,G.S.R 281(E),Dated- 07.03.2016 |
| <b>General Information :</b>            |                                                         |
| Date of Monitoring                      | : 18-12-2021                                            |
| Time of Monitoring                      | : 10:20 hrs                                             |
| Purpose of Monitoring                   | : For Self Monitoring                                   |
| Source of Noise Pollution Monitored     | : DG Set-2 (1600 kVA)                                   |
| Engine No.                              | : 16386                                                 |
| Make                                    | : Not Provide by party                                  |
| Date of mfg of DG Set                   | : Not Provide by party                                  |
| Date of Installation                    | : Not Provide by party                                  |
| Type approval No.                       | : Not Provide by party                                  |
| Pollution Control Device (if any)       | : Acoustic Enclosure                                    |
| Stack Height from Ground level to Top,m | : 9.5                                                   |
| Stack Height from Roof level,m          | : -                                                     |
| Location of noise Generating Source     | : Ground Floor                                          |

| Description |                                                               |                                       |               |        |
|-------------|---------------------------------------------------------------|---------------------------------------|---------------|--------|
| Description |                                                               | Noise DG Set -2 (1600 kVA) Monitoring |               |        |
| S.No.       | Parameters                                                    | Method                                | Specification | Result |
|             | <b>Discipline : Chemical</b>                                  |                                       |               |        |
|             | <b>Group : Atmospheric Pollution</b>                          |                                       |               |        |
| 1.          | <b>General Parameters</b>                                     |                                       |               |        |
| a.          | Open Door at 0.5 meter away from Acoustic Enclosure, dB (A)   | CPCB Guidelines                       | --            | 99.4   |
| b.          | Closed Door at 0.5 meter away from Acoustic Enclosure, dB (A) | CPCB Guidelines                       | Max. 75.0     | 74.2   |

  
Saurabh Sharma  
22-12-2021  
Reviewer

  
22-12-2021  
PremKumar  
[Authorized Signatory]

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## Test Report

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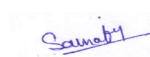
|                                                                                                             |                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2112210987<br><b>Sample Reg. Date</b> :21-12-2021<br><b>Report Date</b> :22-12-2021<br><b>Report No.</b> :ICE-2112221001<br><b>NABL ULR No.</b> :TC592621000015317F<br><b>Customer Ref. No.:</b> Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
| c. Insertion Loss                                                                                           | CPCB Guidelines Min. 25.0 25.2                                                                                                                                                                                                                                                      |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, Requirements as per EPA Act 1986/PCLS/2010,G.S.R 281(E),Dated- 07.03.2016 , Sampling Procedure - SOP/ITC/EW/056

**REMARKS :**N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
22-12-2021  
Reviewer

  
22-12-2021  
PremKumar  
[Authorized Signatory]

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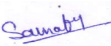
Document QF : 2501

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|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2112221029<br><b>Sample Reg. Date</b> :22-12-2021<br><b>Report Date</b> :27-12-2021<br><b>Report No.</b> :ICE-2112271187<br><b>NABL ULR No.</b> :TC592621000015522F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
|-------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                                                                                                           |                                                                                                  |
|-------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|
| <b>Test Report as per :</b>                                                                                                               | : EPA Act 1986/PCLS/2010                                                                         |
| <b>General Information :</b><br>Name of Sample<br>Date of Monitoring<br>Time of Monitoring<br>Nature of Industry<br>Purpose of Monitoring | : Ambient Noise<br>: 18-12-2021<br>: 10:10 hrs<br>: Thermal Power Plant<br>: For Self Monitoring |

| Description                          |                                         |                            |               |        |
|--------------------------------------|-----------------------------------------|----------------------------|---------------|--------|
| Description                          | Noise Monitoring                        |                            |               |        |
| S.No.                                | Parameters                              | Method                     | Specification | Result |
| <b>Discipline : Chemical</b>         |                                         |                            |               |        |
| <b>Group : Atmospheric Pollution</b> |                                         |                            |               |        |
| 1.                                   | <b>Location Name</b>                    |                            |               |        |
| a.                                   | Near Gate No.1 (Day Time), Leq dB (A)   | IS: 9989 (Reaffirmed 2014) | Max. 75.0     | 52.2   |
| b.                                   | Near Gate No.1 (Night Time), Leq dB (A) | IS: 9989 (Reaffirmed 2014) | Max. 70.0     | 50.5   |
| c.                                   | Near Gate No.2 (Day Time), Leq dB (A)   | IS: 9989 (Reaffirmed 2014) | Max. 75.0     | 53.5   |
| d.                                   | Near Gate No.2 (Night Time), Leq dB (A) | IS: 9989 (Reaffirmed 2014) | Max. 70.0     | 50.8   |
| e.                                   | Near Gate No.3 (Day Time), Leq dB (A)   | IS: 9989 (Reaffirmed 2014) | Max. 75.0     | 54.6   |
| f.                                   | Near Gate No.3 (Night Time), Leq dB (A) | IS: 9989 (Reaffirmed 2014) | Max. 70.0     | 51.7   |
| g.                                   | Near Guest House (Day Time), Leq dB (A) | IS: 9989 (Reaffirmed 2014) | Max. 75.0     | 51.7   |

  
Saurabh Sharma  
27-12-2021  
Reviewer

  
27-12-2021  
PremKumar  
[Authorized Signatory]

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|                                                                                                             |                                                                                                                                                                                                                                                                                     |
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| <b>Issued To</b><br>Jhajjar Power Limited<br>Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar<br>Jhajjar | <b>Sample Reg. No.</b> :E01-2112221029<br><b>Sample Reg. Date</b> :22-12-2021<br><b>Report Date</b> :27-12-2021<br><b>Report No.</b> :ICE-2112271187<br><b>NABL ULR No.</b> :TC592621000015522F<br><b>Customer Ref. No.</b> :Order No.5030010814<br><b>Letter Dated</b> :29.10.2020 |
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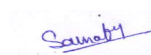
|    |                                           |                            |           |      |
|----|-------------------------------------------|----------------------------|-----------|------|
| h. | Near Guest House (Night Time), Leq dB (A) | IS: 9989 (Reaffirmed 2014) | Max. 70.0 | 49.8 |
| i. | Near D Block (Day Time), Leq dB (A)       | IS: 9989 (Reaffirmed 2014) | Max. 75.0 | 52.4 |
| j. | Near D Block (Night Time), Leq dB (A)     | IS: 9989 (Reaffirmed 2014) | Max. 70.0 | 49.4 |

'#' represents Customer Defined Fields

**NOTE :** NA- Not Applicable, Requirements as per EPA Act 1986/PCLS/2010, Sampling Procedure : SOP/ITC/EW/056. Day Time - 06 :00 Hrs To 22 :00 Hrs, Night Time - 22 :00 Hrs To 06 :00 Hrs

**REMARKS :**N/A

\*\*\*\*\*End Of Report\*\*\*\*\*

  
Saurabh Sharma  
27-12-2021  
Reviewer

  
27-12-2021  
PremKumar  
[Authorized Signatory]

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Quarterly Average Ash Content Report

| Name of power plant                         | Capacity            | Type of coal     | Period            | Average Ash Content (%) | Remarks                                            |
|---------------------------------------------|---------------------|------------------|-------------------|-------------------------|----------------------------------------------------|
| Mahatma Gandhi Thermal Power Plant, Jhajjar | 1,320 MW (2x 660MW) | Linkage Domestic | Oct '21 to Dec'21 | 36.99%                  | Almost 100% of the generated ash has been utilized |

Note: MGTPP's operates based on the domestic supplied under linkage provided by GOI/CIL subsidies. The entire coal burnt during the last quarter came through domestic coal supplied as per Fuel Supply Agreements (FSA) with 04 subsidiaries of Coal India Limited (CIL) viz. CCL, NCL, BCCL & ECL.



# HARYANA STATE POLLUTION CONTROL BOARD



SCF No. 42 & 43, Shopping Centre, Sector-6, Huda,  
Bahadurgarh Ph. 01276-243077 (O) Email:-  
hspcbrobdh@gmail.com  
E-mail: hspcb@hry.nic.in

No. HSPCB/Consent/ : 2816121JHACTO12685526

Dated:22/07/2021

To.

M/s :Jhajjar Power Limited  
Village - Khanpur, Tehsil-Matenhail

Subject: Grant of consent to operate to M/s Jhajjar Power Limited.

Please refer to your application no. 12685526 received on dated 2021-06-15 in regional office Bahadurgarh. With reference to your above application for consent to operate, M/s Jhajjar Power Limited is hereby granted consent as per following specification/Terms and conditions.

|                                     |                         |
|-------------------------------------|-------------------------|
| <b>Consent Under</b>                | BOTH                    |
| <b>Period of consent</b>            | 01/10/2021 - 30/09/2026 |
| <b>Industry Type</b>                | Thermal Power Plants    |
| <b>Category</b>                     | RED                     |
| Investment(In Lakh)                 | 531943.19               |
| Total Land Area(Sq. meter)          | 4965493.0               |
| Total Builtup Area(Sq. meter)       | 1905000.0               |
| <b>Quantity of effluent</b>         |                         |
| 1. Trade                            | 2400.0 KL/Day           |
| 2. Domestic                         | 400.0 KL/Day            |
| Number of outlets                   | 3.0                     |
| <b>Mode of discharge</b>            |                         |
| 1. Domestic                         | STP                     |
| 2. Trade                            | ETP                     |
| <b>Domestic Effluent Parameters</b> |                         |
| 1. BOD                              | 30 mg/l                 |
| 2. COD                              | 250 mg/l                |
| 3. TSS                              | 100 mg/l                |
| 4. PH                               | 5.5-9.0                 |
| 5. OIL & GREASE                     | 10 mg/l                 |
| <b>Trade Effluent Parameters</b>    |                         |
| 1. BOD                              | 30 mg/l                 |
| 2. COD                              | 250 mg/l                |
| 3. TSS                              | 100 mg/l                |
| 4. OIL & GREASE                     | 10 mg/l                 |

|                                                                                |                         |
|--------------------------------------------------------------------------------|-------------------------|
| 5. PH                                                                          | 5.5-9.0                 |
| Number of stacks                                                               | 2                       |
| <b>Height of stack</b>                                                         |                         |
| 1 . S T A C K<br>A T T A C H E D T O<br>S T E A M G E N E R A T O R<br>N O . 1 | 275 METERS              |
| 2 . S T A C K<br>A T T A C H E D T O<br>S T E A M G E N E R A T O R<br>N O . 2 | 275 METERS              |
| <b>Emission parameters</b>                                                     |                         |
| 1. SPM                                                                         | 50 mg/m3                |
| 2. NOX                                                                         | mg/m3                   |
| 3. SOX                                                                         | mg/m3                   |
| <b>Product Details</b>                                                         |                         |
| 1. Electricity Generation                                                      | 1320 Megawatt           |
| <b>Capacity of boiler</b>                                                      |                         |
| 1. COAL FIRED<br>STEAM GENERATOR<br>NO.1                                       | 9000 Ton/hr             |
| 2. COAL FIRED<br>STEAM GENERATOR<br>NO.2                                       | 9000 Ton/hr             |
| <b>Type of Furnace</b>                                                         |                         |
| 1. NA                                                                          |                         |
| <b>Type of Fuel</b>                                                            |                         |
| 1. Diesel                                                                      | 8 KL/day                |
| 2. Coal                                                                        | 18000 Ton/day           |
| <b>Raw Material Details</b>                                                    |                         |
| Hydrazine Hydrate                                                              | 0.005 Metric Tonnes/Day |
| Coal                                                                           | 18000 Metric Tonnes/Day |
| HSD                                                                            | 8 Kilo Liters/Day       |
| Lime stone                                                                     | 218 Metric Tonnes/Day   |
| Sodium Hypochlorite                                                            | 1.4 Metric Tonnes/Day   |
| Poly Acrylic Amide<br>(PAM)                                                    | 0.001 Metric Tonnes/Day |
| Sodium Chloride                                                                | 1.4 Metric Tonnes/Day   |
| Sodium Hydroxide                                                               | 0.9 Metric Tonnes/Day   |
| Hydrochloric Acid                                                              | 1 Metric Tonnes/Day     |
| Poly Aluminium<br>Chloride                                                     | 1 Metric Tonnes/Day     |
| V                                                                              | 0.007 Metric Tonnes/Day |
| RO Antiscalent                                                                 | 0.005 Metric Tonnes/Day |
| Liquor Ammonia                                                                 | 0.1 Metric Tonnes/Day   |
| Sulphuric Acid                                                                 | 3 Metric Tonnes/Day     |
| Hydrogen                                                                       | 39.2 Kilo Liters/Day    |

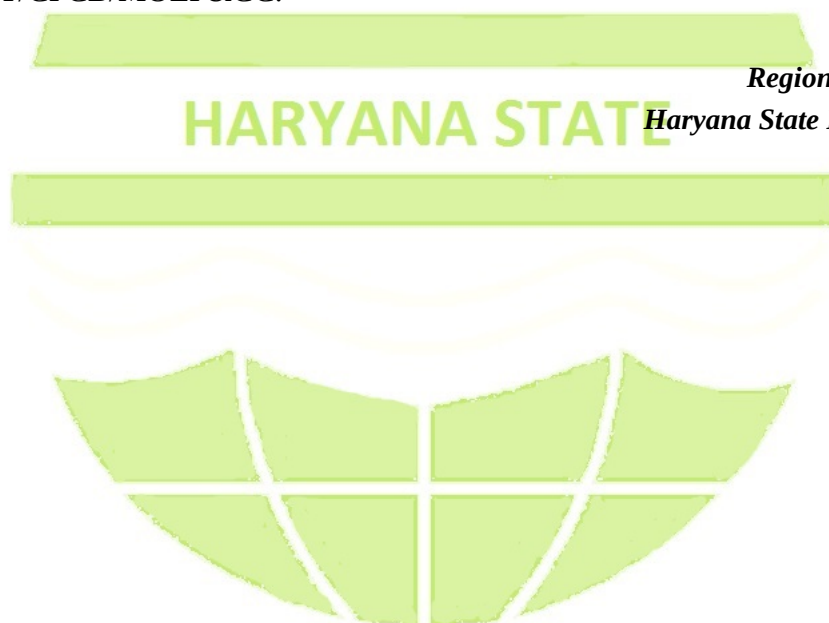
**Terms and conditions**

1. The applicants shall maintain good house keeping both within factory and in the premises. All hose pipelines valves, storage tanks etc. shall be leak proof. In plant allowable pollutants levels, if specified by State Board should be met strictly.
2. The applicant/company shall comply with and carry out directive/orders issued by the Board in this consent order at all subsequent times without negligence of his /its part. The applicant/company shall be liable for such legal action against him as per provision of the law/act in case of violation of any order/directives. Issued at any time and or non compliance of the terms and conditions of his consent order.
3. The applicant shall make an application for grant of consent at least 90 days before the date of expiry of this consent.
4. Necessary fee as prescribed for obtaining renewal consent shall be paid by the applicant alongwith the consent application.
5. If due to any technological improvement or otherwise this Board is of opinion that all or any of the conditions referred to above required variation (including the change of any control equipment either in whole or in part) this Board shall after giving the applicant an opportunity of being heard vary all or such condition and there upon the applicant shall be bound to comply with the conditions so varied.
6. The industry shall provide adequate arrangement for fighting the accidental leakages, discharge of any pollutants gas/liquids from the vessels, mechanical equipment etc. which are likely to cause environment pollution.
7. The industry shall comply noise pollution (Regulation and control) Rules, 2000.
8. The industry shall comply all the direction/Rules/Instructions as may be issued by the MOEF/CPCB/HSPCB from time to time.
9. The industry shall ensure that various characteristics of the effluents remain within the tolerance limits as specified in EPA Standard and as amended from time to time and at no time the concentration of any characteristics should exceed these limits for discharge.
10. The industry would immediately submit the revised application to the Board in the event of any change in the raw material in process, mode of treatment/discharge of effluent. In case of change of process at any stage during the consent period, the industry shall submit fresh consent application alongwith the consent to operate fee, if found due, which may be on any account and that shall be paid by the industry and the industry would immediately submit the consent application to the Board in the event of any change during the year in the raw material, quantity, quality of the effluent, mode of discharge, treatment facilities etc.
11. The officer/official of the Board shall reserve the right to access for the inspection of the industry in connection with the various process and the treatment facilities. The consent to operate is subject to review by the Board at any time.
12. Permissible limits for any pollutants mentioned in the consent to operate order should not exceed the concentration permitted in the effluent by the Board.
13. The industry shall pay the balance fee, in case it is found due from the industry at any time later on.

14. If the industry fails to adhere to any of the conditions of this consent to operate order, the consent to operate so granted shall automatically lapse.
15. If the industry is closed temporarily at its own, they shall inform the Board and obtain permission before restart of the unit.
16. The industry shall comply all the Directions/ Rules/Instructions issued from time to time by the Board.

**Specific Conditions :**

1. That the unit shall apply for renewal of consent to operate 90 days earlier, before the expiry of previous consent to operate obtained from the Board. 2. That unit will operate its pollution control devices properly and effectively to keep the parameters within limit. 3. That the unit will not expand its production activity from the existing and will not increase any pollution load under Water Act, 1974, Air Act, 1981 without prior approval of the Board. 4. That if the sampling report under Water Act, 1974 and Air Act, 1981 will be found exceeding in parameters at any stage and found increase in pollution load at any stage consent to operate granted will be revoked. 5. That unit will submit the sampling report under Water and Air Act, as applicable within 90 days. 6. Unit will comply the conditions/directions of SC/NGT/CPCB/MOEF&CC.



*Regional Officer, Bahadurgarh*

*Haryana State Pollution Control Board.*



## Haryana State Pollution Control Board

SCF No. 42 & 43, Shopping Centre, Sector-6, Huda, Bahadurgarh Ph. 01276-243077 (O) Email:- hspcbrobdh@gmail.com



No. :HWM/JHA/2021/12660122

DT: 27/07/2021

To

M/s Jhajjar Power Limited  
Village - Khanpur, Tehsil-Matenhail  
Jhajjar

### Sub: Grant of Authorization under Hazardous and Other Wastes(Management & Transboundry Movement) Rules, 2016

1. Reference of application:12660122 dated: 27/07/2021
2. Naveen Munjal of Jhajjar Power Limited is hereby granted an authorization for generation, collection, storage, transportation, disposal on the premises situated at Village - Khanpur, Tehsil-Matenhail

## HARYANA STATE

### Details of Authorization

| S.No. | Name of process and Category of Hazardous Waste as per the Schedules I, II and III of these rules                                                          | Authorised mode of disposal or recycling or utilisation or co-processing, etc. | Quantity       |
|-------|------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|----------------|
| 1     | Industrial operations using mineral/synthetic oil as lubricant in hydraulic systems or other applications, Used/spent oil                                  | AGREEMENT WITH RECYCLER                                                        | 100.0 KL/Annum |
| 2     | Purification and treatment of exhaust air, water and waste water from the ..... treatment plants (CETP's), Spent ion exchange resin containing toxic metal | Agreement with GEPIL                                                           | 100.0 T/Annum  |
| 3     | Industrial operations using mineral/synthetic oil as lubricant in hydraulic systems or other applications, Wastes/residues containing oil                  | Agreement with GEPIL                                                           | 100.0 T/Annum  |
| 4     | Production and/or industrial use of paints, pigments, lacquers, varnishes and inks , Process wastes, residues & sludges                                    | Agreement with GEPIL                                                           | 100.0 T/Annum  |
| 5     | Production and/or industrial use of glues, cements, adhesive and resins, Wastes/residues (not made with vegetable or animal materials)                     | Agreement with GEPIL                                                           | 50.0 T/Annum   |



|    |                                                                                                                                                          |                      |                  |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|------------------|
| 6  | Production of asbestos or asbestos-containing materials,<br>Asbestos-containing residues                                                                 | Agreement with GEPIL | 50.0<br>T/Annum  |
| 7  | Production of asbestos or asbestos-containing materials,<br>Discarded asbestos                                                                           | Agreement with GEPIL | 100.0<br>T/Annum |
| 8  | Handling of Hazardous chemicals and wastes,<br>Empty barrels/containers/liners contaminated with hazardous chemicals/wastes                              | Agreement with GEPIL | 200.0<br>T/Annum |
| 9  | Handling of Hazardous chemicals and wastes,<br>Empty barrels/containers/liners contaminated with hazardous chemicals/wastes                              | Agreement with GEPIL | 50.0<br>T/Annum  |
| 10 | Purification and treatment of exhaust air, water and waste water from the ..... treatment plants (CETP's),<br>Chemical sludge from waste water treatment | Agreement with GEPIL | 120.0<br>T/Annum |
| 11 | cleaning, emptying and maintenance of petroleum oil storage tanks including, Oil-containing cargo residue, washing water and sludge                      | Agreement with GEPIL | 10.0<br>T/Annum  |
| 12 | Petroleum refining/re-processing of used oil/recycling of waste oil,<br>Oily sludge/emulsion                                                             | Agreement with GEPIL | 10.0<br>T/Annum  |
| 13 | Handling of Hazardous chemicals and wastes,<br>Contaminated cotton rags or other cleaning materials                                                      | Agreement with GEPIL | 10.0<br>T/Annum  |

1. The authorization shall be valid for a period of 01/10/2021 to 30/09/2026
2. The authorization is subject to the following general and specific conditions :-

(i) **That unit will submit annual reports under HOWM Rules annually.**

**Regional Officer Bahadurgarh  
For Haryana State Pollution Control Board**

**Conditions of Authorization:**

1. The authorised person shall comply with the provisions of the Environment (Protection) Act, 1986, and the rules made there under.
2. The authorization or its renewal shall be produced for inspection at the request of an officer authorised by the State Pollution Control Board.
3. The person authorised shall not rent, lend, sell, transfer or otherwise transport the hazardous and other wastes except what is permitted through this authorization.



4. Any unauthorised change in personnel equipment or working conditions as mentioned in the application by the person authorised shall constitute a breach of this authorization.
5. The person authorised shall implement Emergency Response Procedure (ERP) for which this authorization is being granted considering all site specific possible scenarios such as spillages, leakages, fire etc. and their possible impacts and also carry out mock drill in this regard at regular interval of time.
6. The person authorised shall comply with the provisions outlined in the Central Pollution Control Board guidelines on "Implementing Liabilities for Environmental Damages due to Handling and Disposal of Hazardous Waste and Penalty".
7. An application for the renewal of an authorization shall be made as laid down under these Rules.
8. Any other conditions for compliance as per the guidelines issued by the Ministry of Environment, Forest and Climate Changes or Central Pollution Control Board from time to time.
9. Annual return shall be filed by June 30<sup>th</sup> for the period ensuring 31<sup>st</sup> March of the year.

**Regional Officer Bahadurgarh  
For Haryana State Pollution Control Board**

