

Our Ref : JPL/MoEF&CC/ENV/012502
Date : November 28, 2022

Director (EI)
Ministry of Environment & Forests
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 24th April, 2008 & to JPL on Dated 25 November 2009 (Annexure -I)
FGD installation letter Dated 11 August 2010 (Annexure-II)

Dear Sir,

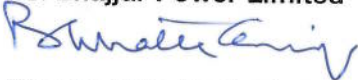
With reference to above mentioned subject and reference, we would like to state that all the conditions mentioned herein Environment Clearance, have been complied with. Please find enclosed the detailed report against environment Clearance conditions for **April 2022 to September 2022** in **Annexure 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 is valid till 30 September 2026 (**Annexure V**). Quarterly monitoring reports submitted to HSPCB during this reporting period is attached as **Annexure IV**.

Thanking you,

Yours faithfully

For **Jhajjar Power Limited**



Bhaskar Bhattacharjee
Senior Vice President and Whole time Director

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 Aprava Energy Company)

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Andheri (East), Mumbai 400 099
T: +91 22 6758 8888
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Registered Office:

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New Delhi 110 017
T: +91 11 6612 0700 F: +91 11 6612 0777/0778

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: 24th 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 m³/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 SO₂, 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/Nm³.

(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 9th 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 SO₂, NO_x, 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,

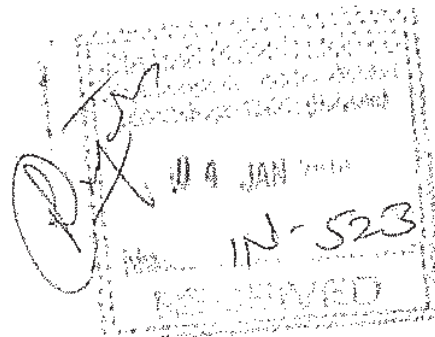

(W. Bharat Singh)
Deputy Director

✓ 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 SO₂, NO_x 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 SO₂, NO_x and PM_{2.5} & PM₁₀. 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_x, RSPM (PM₁₀ & PM_{2.5}), SO_x (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 m³/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. Combination of imported and domestic coal has been burnt from June to September. The resulting average Sulphur content of the coal burnt at MGTPP is maintained within 0.51%. FGD is continuously in operation since 1st Feb 2019 onwards and meeting the SO₂ compliance limit of 200 mg/ Nm³. Owing to use of domestic coal having higher ash content is being supplied from Govt. coal companies, ash content has exceeded the limits sometimes, but the average ash percentage of the period is ~35%. Nonetheless, MGTPP has controlled SPM emissions within limits and ash utilization as per stipulated targets to take care of any environmental impacts. We have achieved 100% ash utilization consecutively for last 4 financial years. 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 SO₂, NO_x 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 11th 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 (SO₂, NO_x 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/Nm³.

Response: Complied. A combination of ESPs and Bag Filters has been installed to meet the requirement of less than 50 mg/Nm³ limit for particulate emission. Actual results of stack monitoring indicating PM emissions have been communicated to HSPCB on quarterly basis (Refer Annexure IV)

- (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 SO₂ has come into effect for JPL from 31st Jan 2019 onwards. In view of this, there is continuous operation of FGD since 1st Feb 2019 onwards to meet the SO₂ compliance limit of 200 mg/ Nm³. JPL is the only plant in NCR region which has FGD in continuous operation to achieve emission norms of SO₂.

- (vi) Low NO_x burner shall be provided.

Response: Complied. Low NO_x burner and Separated Over-Fire Air (SOFA) system has been installed to control NO_x 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_x. Presently, JPL is complying with the new NO_x emission limit of 450 mg/Nm³.

- (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 suppression system in bunkers and pre-wetting system of wagon tippler have been installed to prevent fugitive dust generation. Also, sprinkling lines 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, 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 9th 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 and 99 % in FY 2022-23.

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 bulker washing points. 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.

In addition to the above, the temporary residual stock of ash (rolling stock), if any, is being stored safely in a scientific manner. 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, 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. There is no legacy ash. The temporary residual stock of ash (rolling stock), if any, is being stored safely in a scientific manner. 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 m³/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 m³/day) and one in plant (240 m³/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. Adequate water sprinklers for dust suppression and water hydrant systems for firefighting purposes have been provided in and around coal yard.

- (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. JPL has conducted Biodiversity assessment in Feb' 2022 across three seasons as per Indian Business and Biodiversity Initiative (IBBI) directives by third party to map the business linkages with biodiversity and ecosystem services and to identify the risks and opportunities across the value chain. Natural Capital Action Plan (NCAP) has been developed to improve biodiversity quotient and to mitigate risks. Effort to augment the green cover over and above the prescribed requirement is in place by improving the plant survival rate and planting of additional trees every year.

- (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/ earmuffs) 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 SO₂, NO_x, 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 SO₂, NO_x, SPM, RSPM (PM₁₀ & PM_{2.5}) 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 are being 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 estimates 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
TOTAL	INR 308 Crores

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
	19,83,54,098	SPM Reduction, Waste Management , Wastewater treatment, Environment Monitoring , ESP and FF Operation and Maintenance cost
Total Cost (INR)	9,50,89,32,372 (INR 950.89 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
Total	12,30,95,210

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: 17th September 2009
- Date of Commissioning of the plant:

Unit 1 has been commissioned on 29th March'2012.

Unit 2 has been commissioned on 19th 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://www.apraava.com/> 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.

E N E R G Y
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_x, RSPM (PM₁₀ & PM_{2.5}), SO_x (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_x, RSPM (PM₁₀ & PM_{2.5}), SO_x (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://www.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/012178
Date : July 15, 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

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 April 2022 - **Annexure I**
Monitoring Reports of Air, Water & Noise of May 2022 - **Annexure II**
Monitoring Reports of Air, Water & Noise of June 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**

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)

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F: +91 22 6758 8811/8833
W: www.clpgroup.com, www.apraava.com

Registered Office:

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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

Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2204160641 Sample Reg. Date :16-04-2022 Report Date :23-04-2022 Report No. :ICE-2204231028 NABL ULR No. :TC592622000006519F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Gate No.3
Date of Monitoring	: 04-04-2022
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	: 1822.00
Avg. Ambient Temperature,°C	: 32

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(SO ₂),µg/m ³	IS:5182(P-2)	80 Max	13.35
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS:5182(P-6)	80 Max	26.68
c.	Particulate Matter (PM ₁₀),µg/m ³	IS:5182(P-23)	100 Max	123.27
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW-01	60 Max	65.24

Saurabh Sharma
23-04-2022
Reviewer

23-04-2022
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

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2204160641 Sample Reg. Date :16-04-2022 Report Date :23-04-2022 Report No. :ICE-2204231028 NABL ULR No. :TC592622000006519F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

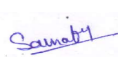
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	28.29
f.	Lead(As Pb),µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	1.5
h.	Ammonia(NH ₃),µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	34.18
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	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
23-04-2022
Reviewer


23-04-2022
PremKumar
[Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.
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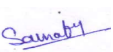
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2204160640 Sample Reg. Date :16-04-2022 Report Date :23-04-2022 Report No. :ICE-2204231013 NABL ULR No. :TC592622000006529F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Block C-3
Date of Monitoring	: 04-04-2022
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	: 1823.74
Avg. Ambient Temperature,°C	: 34

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Pollution & Environment			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂),µg/m ³	IS:5182(P-2)	80 Max	10.25
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS:5182(P-6)	80 Max	19.29
c.	Particulate Matter (PM ₁₀),µg/m ³	IS:5182(P-23)	100 Max	102.98
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW-01	60 Max	51.01


Saurabh Sharma
23-04-2022
Reviewer


23-04-2022
PremKumar
[Authorized Signatory]

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Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2204160640 Sample Reg. Date :16-04-2022 Report Date :23-04-2022 Report No. :ICE-2204231013 NABL ULR No. :TC592622000006529F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

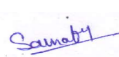
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	22.13
f.	Lead(As Pb),µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	1.3
h.	Ammonia(NH ₃),µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	25.45
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	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
23-04-2022
Reviewer


23-04-2022
PremKumar
[Authorized Signatory]

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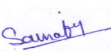
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2204160642 Sample Reg. Date :16-04-2022 Report Date :23-04-2022 Report No. :ICE-2204231027 NABL ULR No. :TC592622000006493F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Village- Khanpur
Date of Monitoring	: 04-04-2022
Time of Monitoring	: 10:40 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.27
Volume of air sampled,m3	: 1745.53
Avg. Ambient Temperature,°C	: 31

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(SO ₂),µg/m ³	IS:5182(P-2)	80 Max	11.41
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS:5182(P-6)	80 Max	23.18
c.	Particulate Matter (PM ₁₀),µg/m ³	IS:5182(P-23)	100 Max	114.29
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW-01	60 Max	57.24


 Saurabh Sharma
 23-04-2022
 Reviewer


 23-04-2022
 PremKumar
 [Authorized Signatory]

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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2204160642 Sample Reg. Date :16-04-2022 Report Date :23-04-2022 Report No. :ICE-2204231027 NABL ULR No. :TC592622000006493F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

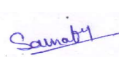
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	23.20
f.	Lead(As Pb),µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	1.6
h.	Ammonia(NH ₃),µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	30.42
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	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
23-04-2022
Reviewer


23-04-2022
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

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2204160643 Sample Reg. Date :16-04-2022 Report Date :23-04-2022 Report No. :ICE-2204231026 NABL ULR No. :TC592622000006489F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Shakti Vihar
Date of Monitoring	: 04-04-2022
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	: 1804.25
Avg. Ambient Temperature,°C	: 35

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	7.26
b.	Nitrogen Dioxide(NO2),µg/m3	IS:5182(P-6)	80 Max	13.27
c.	Particulate Matter (PM ₁₀),µg/m3	IS:5182(P-23)	100 Max	95.42
d.	Particulate matter (PM _{2.5}),µg/m3	STP/ITC/EW-01	60 Max	48.29

Saurabh Sharma
Saurabh Sharma
23-04-2022
Reviewer

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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2204160643 Sample Reg. Date :16-04-2022 Report Date :23-04-2022 Report No. :ICE-2204231026 NABL ULR No. :TC592622000006489F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

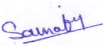
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	BLQ(LOQ: 14)
f.	Lead(As Pb),µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	BLQ (LOQ:1.0)
h.	Ammonia(NH ₃),µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	24.18
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	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
23-04-2022
Reviewer


23-04-2022
PremKumar
[Authorized Signatory]

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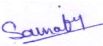
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2204160645 Sample Reg. Date :16-04-2022 Report Date :23-04-2022 Report No. :ICE-2204231024 NABL ULR No. :TC592622000006518F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Gate No.3
Date of Monitoring	: 07-04-2022
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	: 1841.74
Avg. Ambient Temperature,°C	: 31

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(SO ₂),µg/m ³	IS:5182(P-2)	80 Max	7.61
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS:5182(P-6)	80 Max	21.42
c.	Particulate Matter (PM ₁₀),µg/m ³	IS:5182(P-23)	100 Max	130.31
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW-01	60 Max	68.60


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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2204160645 Sample Reg. Date :16-04-2022 Report Date :23-04-2022 Report No. :ICE-2204231024 NABL ULR No. :TC592622000006518F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

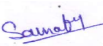
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	22.18
f.	Lead(As Pb),µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	1.4
h.	Ammonia(NH ₃),µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	27.18
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	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
23-04-2022
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Test Report

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Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2204160644 Sample Reg. Date :16-04-2022 Report Date :23-04-2022 Report No. :ICE-2204231025 NABL ULR No. :TC592622000006490F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Block C-6
Date of Monitoring	: 07-04-2022
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	: 1827.99
Avg. Ambient Temperature,°C	: 31

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(SO ₂),µg/m ³	IS:5182(P-2)	80 Max	8.87
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS:5182(P-6)	80 Max	13.64
c.	Particulate Matter (PM ₁₀),µg/m ³	IS:5182(P-23)	100 Max	110.28
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW-01	60 Max	53.45

Saurabh Sharma
23-04-2022
Reviewer

23-04-2022
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2204160644 Sample Reg. Date :16-04-2022 Report Date :23-04-2022 Report No. :ICE-2204231025 NABL ULR No. :TC592622000006490F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

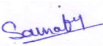
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	24.50
f.	Lead(As Pb),µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	1.4
h.	Ammonia(NH ₃),µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	30.33
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	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
23-04-2022
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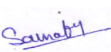
Test Report

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Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2204160646 Sample Reg. Date :16-04-2022 Report Date :23-04-2022 Report No. :ICE-2204231023 NABL ULR No. :TC592622000006531F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Village- Khanpur
Date of Monitoring	: 07-04-2022
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

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(SO ₂),µg/m ³	IS:5182(P-2)	80 Max	9.23
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS:5182(P-6)	80 Max	14.95
c.	Particulate Matter (PM ₁₀),µg/m ³	IS:5182(P-23)	100 Max	121.44
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW-01	60 Max	58.08


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23-04-2022
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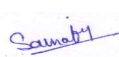
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	23.17
f.	Lead(As Pb),µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	1.5
h.	Ammonia(NH ₃),µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	34.38
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	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
23-04-2022
Reviewer


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[Authorized Signatory]

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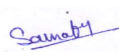
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Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Shakti Vihar
Date of Monitoring	: 07-04-2022
Time of Monitoring	: 11:30 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.34
Volume of air sampled,m3	: 1823.74
Avg. Ambient Temperature,°C	: 34

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	6.40
b.	Nitrogen Dioxide(NO2),µg/m3	IS:5182(P-6)	80 Max	13.08
c.	Particulate Matter (PM10),µg/m3	IS:5182(P-23)	100 Max	94.64
d.	Particulate matter (PM 2.5),µg/m3	STP/ITC/EW-01	60 Max	43.35


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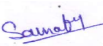
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	24.20
f.	Lead(As Pb),µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	BLQ (LOQ:1.0)
h.	Ammonia(NH ₃),µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	30.24
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	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
23-04-2022
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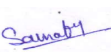
Test Report

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2204160649 Sample Reg. Date :16-04-2022 Report Date :23-04-2022 Report No. :ICE-2204231020 NABL ULR No. :TC592622000006499F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Gate No.3
Date of Monitoring	: 11-04-2022
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	: 1810.13
Avg. Ambient Temperature,°C	: 34

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(SO ₂),µg/m ³	IS:5182(P-2)	80 Max	13.44
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS:5182(P-6)	80 Max	23.47
c.	Particulate Matter (PM ₁₀),µg/m ³	IS:5182(P-23)	100 Max	134.30
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW-01	60 Max	63.13


Saurabh Sharma
23-04-2022
Reviewer


23-04-2022
PremKumar
[Authorized Signatory]

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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2204160649 Sample Reg. Date :16-04-2022 Report Date :23-04-2022 Report No. :ICE-2204231020 NABL ULR No. :TC592622000006499F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

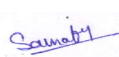
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	28.43
f.	Lead(As Pb),µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	1.6
h.	Ammonia(NH ₃),µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	37.50
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	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
23-04-2022
Reviewer


23-04-2022
PremKumar
[Authorized Signatory]

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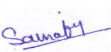
Test Report

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Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2204160648 Sample Reg. Date :16-04-2022 Report Date :23-04-2022 Report No. :ICE-2204231021 NABL ULR No. :TC592622000006494F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Block C-3
Date of Monitoring	: 11-04-2022
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	: 1823.74
Avg. Ambient Temperature,°C	: 34

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(SO ₂),µg/m ³	IS:5182(P-2)	80 Max	7.10
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS:5182(P-6)	80 Max	19.35
c.	Particulate Matter (PM ₁₀),µg/m ³	IS:5182(P-23)	100 Max	106.32
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW-01	60 Max	48.40


Saurabh Sharma
23-04-2022
Reviewer


23-04-2022
PremKumar
[Authorized Signatory]

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Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2204160648 Sample Reg. Date :16-04-2022 Report Date :23-04-2022 Report No. :ICE-2204231021 NABL ULR No. :TC592622000006494F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	21.23
f.	Lead(As Pb),µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	1.4
h.	Ammonia(NH ₃),µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	23.18
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	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
23-04-2022
Reviewer


23-04-2022
PremKumar
[Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)
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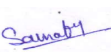
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2204160650 Sample Reg. Date :16-04-2022 Report Date :23-04-2022 Report No. :ICE-2204231019 NABL ULR No. :TC592622000006498F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Village- Khanpur
Date of Monitoring	: 11-04-2022
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	: 1829.70
Avg. Ambient Temperature,°C	: 33

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(SO ₂),µg/m ³	IS:5182(P-2)	80 Max	10.21
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS:5182(P-6)	80 Max	23.33
c.	Particulate Matter (PM ₁₀),µg/m ³	IS:5182(P-23)	100 Max	127.40
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW-01	60 Max	63.55


Saurabh Sharma
23-04-2022
Reviewer


23-04-2022
PremKumar
[Authorized Signatory]

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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2204160650 Sample Reg. Date :16-04-2022 Report Date :23-04-2022 Report No. :ICE-2204231019 NABL ULR No. :TC592622000006498F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

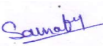
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	24.16
f.	Lead(As Pb),µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	1.5
h.	Ammonia(NH ₃),µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	35.16
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	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
23-04-2022
Reviewer


23-04-2022
PremKumar
[Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.
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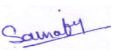
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2204160651 Sample Reg. Date :16-04-2022 Report Date :23-04-2022 Report No. :ICE-2204231018 NABL ULR No. :TC592622000006515F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Shakti Vihar
Date of Monitoring	: 11-04-2022
Time of Monitoring	: 11:50 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.34
Volume of air sampled, m ³	: 1817.82
Avg. Ambient Temperature, °C	: 35

Description					
Description		Ambient Air Quality Monitoring			
S.No.	Parameters	Instrument	Method	Specification	Result
	Discipline : Chemical				
	Group : Atmospheric Pollution				
1.	Ambient Air Quality Parameters				
a.	Sulphur Dioxide(SO ₂), µg/m ³	UV-Spectrophotometer	IS:5182(P-2)	80 Max	9.63
b.	Nitrogen Dioxide(NO ₂), µg/m ³	UV-Spectrophotometer	IS:5182(P-6)	80 Max	14.51
c.	Particulate Matter (PM ₁₀), µg/m ³	Gravimetric	IS:5182(P-23)	100 Max	97.48


Saurabh Sharma
23-04-2022
Reviewer


23-04-2022
PremKumar
[Authorized Signatory]

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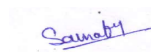
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d.	Particulate matter (PM _{2.5}),µg/m3	Gravimetric	STP/ITC/EW-01	60 Max	50.08
e.	Ozone(O ₃),µg/m3	UV-Spectrophotometer	IS:5182(P-9)	180 Max	23.15
f.	Lead(As Pb),µg/m3	ICPOES	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m3	GC	IS:5182(P-10)	4 Max	BLQ (LOQ:1.0)
h.	Ammonia(NH ₃),µg/m3	UV-Spectrophotometer	Method of Air Sampling & Analysis(Method No. 401)	400 Max	30.29
i.	Benzene (C ₆ H ₆),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, Requirement as per NAAQS 2009.
 Sampling Procedure: SOP/ITC/EW/056

REMARKS :N/A


 Saurabh Sharma
 23-04-2022
 Reviewer


 23-04-2022
 PremKumar
 [Authorized Signatory]

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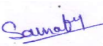
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*****End Of Report*****


Saurabh Sharma
23-04-2022
Reviewer


23-04-2022
PremKumar
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. : E01-2204160653 Sample Reg. Date : 16-04-2022 Report Date : 23-04-2022 Report No. : ICE-2204231014 NABL ULR No. : TC592622000006509F Customer Ref. No. : Order No.5030010814 Letter Dated : 29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Gate No.3
Date of Monitoring	: 14-04-2022
Time of Monitoring	: 10:50 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.34
Volume of air sampled, m ³	: 1835.70
Avg. Ambient Temperature, °C	: 32

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(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	7.00
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	19.15
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	123.44
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	54.29

Saurabh Sharma
23-04-2022
Reviewer

23-04-2022
PremKumar
[Authorized Signatory]

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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2204160653 Sample Reg. Date :16-04-2022 Report Date :23-04-2022 Report No. :ICE-2204231014 NABL ULR No. :TC592622000006509F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

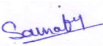
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	22.25
f.	Lead(As Pb),µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	1.4
h.	Ammonia(NH ₃),µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	25.52
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	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
23-04-2022
Reviewer


23-04-2022
PremKumar
[Authorized Signatory]

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Document QF : 2501
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2204160652 Sample Reg. Date :16-04-2022 Report Date :23-04-2022 Report No. :ICE-2204231017 NABL ULR No. :TC592622000006497F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Block C-6
Date of Monitoring	: 14-04-2022
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	: 1829.70
Avg. Ambient Temperature,°C	: 33

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(SO ₂),µg/m ³	IS:5182(P-2)	80 Max	12.12
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS:5182(P-6)	80 Max	18.53
c.	Particulate Matter (PM ₁₀),µg/m ³	IS:5182(P-23)	100 Max	120.29
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW-01	60 Max	55.13

Saurabh Sharma
23-04-2022
Reviewer

23-04-2022
PremKumar
[Authorized Signatory]

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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2204160652 Sample Reg. Date :16-04-2022 Report Date :23-04-2022 Report No. :ICE-2204231017 NABL ULR No. :TC592622000006497F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

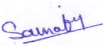
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	22.15
f.	Lead(As Pb),µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	1.2
h.	Ammonia(NH ₃),µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	27.15
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	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
23-04-2022
Reviewer


23-04-2022
PremKumar
[Authorized Signatory]

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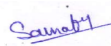
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2204160654 Sample Reg. Date :16-04-2022 Report Date :23-04-2022 Report No. :ICE-2204231015 NABL ULR No. :TC592622000006500F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Village-Khanpur
Date of Monitoring	: 14-04-2022
Time of Monitoring	: 10:30 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.28
Volume of air sampled,m3	: 1753.51
Avg. Ambient Temperature,°C	: 32

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(SO ₂),µg/m ³	IS:5182(P-2)	80 Max	10.18
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS:5182(P-6)	80 Max	23.94
c.	Particulate Matter (PM ₁₀),µg/m ³	IS:5182(P-23)	100 Max	130.31
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW-01	60 Max	57.24


Saurabh Sharma
23-04-2022
Reviewer


23-04-2022
PremKumar
[Authorized Signatory]

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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2204160654 Sample Reg. Date :16-04-2022 Report Date :23-04-2022 Report No. :ICE-2204231015 NABL ULR No. :TC592622000006500F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

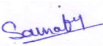
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	24.17
f.	Lead(As Pb),µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	1.6
h.	Ammonia(NH ₃),µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	27.45
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	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
23-04-2022
Reviewer


23-04-2022
PremKumar
[Authorized Signatory]

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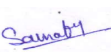
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2204160655 Sample Reg. Date :16-04-2022 Report Date :23-04-2022 Report No. :ICE-2204231016 NABL ULR No. :TC592622000006501F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Shakti Vihar
Date of Monitoring	: 14-04-2022
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	: 1798.42
Avg. Ambient Temperature,°C	: 36

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(SO ₂),µg/m ³	IS:5182(P-2)	80 Max	6.44
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS:5182(P-6)	80 Max	9.01
c.	Particulate Matter (PM ₁₀),µg/m ³	IS:5182(P-23)	100 Max	87.30
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW-01	60 Max	40.82


Saurabh Sharma
23-04-2022
Reviewer


23-04-2022
PremKumar
[Authorized Signatory]

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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2204160655 Sample Reg. Date :16-04-2022 Report Date :23-04-2022 Report No. :ICE-2204231016 NABL ULR No. :TC592622000006501F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

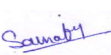
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	BLQ(LOQ:14)
f.	Lead(As Pb),µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	BLQ (LOQ:1.0)
h.	Ammonia(NH ₃),µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	23.13
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	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
23-04-2022
Reviewer


23-04-2022
PremKumar
[Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.
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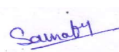
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. : E01-2204260948 Sample Reg. Date : 26-04-2022 Report Date : 05-05-2022 Report No. : ICE-2205050102 NABL ULR No. : TC592622000006975F Customer Ref. No. : Order No.5030010814 Letter Dated : 29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Gate No.3
Date of Monitoring	: 18-04-2022
Time of Monitoring	: 10:55 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.34
Volume of air sampled, m ³	: 1817.82
Avg. Ambient Temperature, °C	: 35

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(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	14.13
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	20.72
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	120.71
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	67.34


Saurabh Sharma
05-05-2022
Reviewer


05-05-2022
PremKumar
[Authorized Signatory]

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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2204260948 Sample Reg. Date :26-04-2022 Report Date :05-05-2022 Report No. :ICE-2205050102 NABL ULR No. :TC592622000006975F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

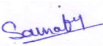
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	24.10
f.	Lead(As Pb),µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	1.5
h.	Ammonia(NH ₃),µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	30.48
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	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
05-05-2022
Reviewer


05-05-2022
PremKumar
[Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.
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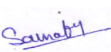
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2204260947 Sample Reg. Date :26-04-2022 Report Date :05-05-2022 Report No. :ICE-2205050101 NABL ULR No. :TC592622000006972F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Block C-3
Date of Monitoring	: 18-04-2022
Time of Monitoring	: 11:10 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.34
Volume of air sampled, m ³	: 1811.94
Avg. Ambient Temperature, °C	: 36

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(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	10.31
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	24.26
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	132.29
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	72.39


Saurabh Sharma
05-05-2022
Reviewer


05-05-2022
PremKumar
[Authorized Signatory]

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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2204260947 Sample Reg. Date :26-04-2022 Report Date :05-05-2022 Report No. :ICE-2205050101 NABL ULR No. :TC592622000006972F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

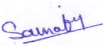
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	29.34
f.	Lead(As Pb),µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	1.4
h.	Ammonia(NH ₃),µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	35.70
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	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
05-05-2022
Reviewer


05-05-2022
PremKumar
[Authorized Signatory]

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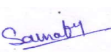
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2204260949 Sample Reg. Date :26-04-2022 Report Date :05-05-2022 Report No. :ICE-2205050103 NABL ULR No. :TC592622000006973F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Village-Khanpur
Date of Monitoring	: 18-04-2022
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	: 1798.42
Avg. Ambient Temperature,°C	: 36

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(SO ₂),µg/m ³	IS:5182(P-2)	80 Max	12.08
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS:5182(P-6)	80 Max	26.27
c.	Particulate Matter (PM ₁₀),µg/m ³	IS:5182(P-23)	100 Max	157.31
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW-01	60 Max	78.28


Saurabh Sharma
05-05-2022
Reviewer


05-05-2022
PremKumar
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2204260949 Sample Reg. Date :26-04-2022 Report Date :05-05-2022 Report No. :ICE-2205050103 NABL ULR No. :TC592622000006973F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

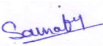
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	24.17
f.	Lead(As Pb),µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	1.3
h.	Ammonia(NH ₃),µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	27.27
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)-2017	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	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
05-05-2022
Reviewer


05-05-2022
PremKumar
[Authorized Signatory]

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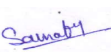
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2204260950 Sample Reg. Date :26-04-2022 Report Date :05-05-2022 Report No. :ICE-2205050104 NABL ULR No. :TC592622000006974F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Shakti Vihar
Date of Monitoring	: 18-04-2022
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	: 1786.85
Avg. Ambient Temperature,°C	: 38

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	10.38
b.	Nitrogen Dioxide(NO2),µg/m3	IS:5182(P-6)	80 Max	17.44
c.	Particulate Matter (PM ₁₀),µg/m3	IS:5182(P-23)	100 Max	112.26
d.	Particulate matter (PM _{2.5}),µg/m3	STP/ITC/EW-01	60 Max	44.61


Saurabh Sharma
05-05-2022
Reviewer


05-05-2022
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2204260950 Sample Reg. Date :26-04-2022 Report Date :05-05-2022 Report No. :ICE-2205050104 NABL ULR No. :TC592622000006974F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

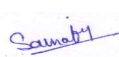
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	22.14
f.	Lead(As Pb),µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	BLQ (LOQ:1.0)
h.	Ammonia(NH ₃),µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	25.49
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	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
05-05-2022
Reviewer


05-05-2022
PremKumar
[Authorized Signatory]

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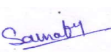
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2205020031 Sample Reg. Date :02-05-2022 Report Date :10-05-2022 Report No. :ICE-2205100444 NABL ULR No. :TC592622000007181F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Gate No.3
Date of Monitoring	: 21-04-2022
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	: 1784.89
Avg. Ambient Temperature,°C	: 36

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(SO ₂),µg/m ³	IS:5182(P-2)	80 Max	12.24
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS:5182(P-6)	80 Max	21.33
c.	Particulate Matter (PM ₁₀),µg/m ³	IS:5182(P-23)	100 Max	136.24
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW-01	60 Max	68.23


Saurabh Sharma
10-05-2022
Reviewer


10-05-2022
PremKumar
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2205020031 Sample Reg. Date :02-05-2022 Report Date :10-05-2022 Report No. :ICE-2205100444 NABL ULR No. :TC592622000007181F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

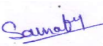
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	23.24
f.	Lead(As Pb),µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	1.6
h.	Ammonia(NH ₃),µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	30.41
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ(LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	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
10-05-2022
Reviewer


10-05-2022
PremKumar
[Authorized Signatory]

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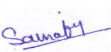
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2205020030 Sample Reg. Date :02-05-2022 Report Date :10-05-2022 Report No. :ICE-2205100445 NABL ULR No. :TC592622000007164F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Block C-6
Date of Monitoring	: 21-04-2022
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	: 1798.42
Avg. Ambient Temperature,°C	: 36

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(SO ₂),µg/m ³	IS:5182(P-2)	80 Max	11.21
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS:5182(P-6)	80 Max	25.24
c.	Particulate Matter (PM ₁₀),µg/m ³	IS:5182(P-23)	100 Max	136.14
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW-01	60 Max	68.32


Saurabh Sharma
10-05-2022
Reviewer


10-05-2022
PremKumar
[Authorized Signatory]

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Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2205020030 Sample Reg. Date :02-05-2022 Report Date :10-05-2022 Report No. :ICE-2205100445 NABL ULR No. :TC592622000007164F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

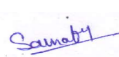
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	25.41
f.	Lead(As Pb),µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	1.5
h.	Ammonia(NH ₃),µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	32.41
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ(LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	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
10-05-2022
Reviewer


10-05-2022
PremKumar
[Authorized Signatory]

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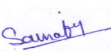
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2205020032 Sample Reg. Date :02-05-2022 Report Date :10-05-2022 Report No. :ICE-2205100443 NABL ULR No. :TC592622000007184F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Village-Khanpur
Date of Monitoring	: 21-04-2022
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	: 1798.42
Avg. Ambient Temperature,°C	: 36

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	11.41
b.	Nitrogen Dioxide(NO2),µg/m3	IS:5182(P-6)	80 Max	19.23
c.	Particulate Matter (PM10),µg/m3	IS:5182(P-23)	100 Max	133.14
d.	Particulate matter (PM 2.5),µg/m3	STP/ITC/EW-01	60 Max	67.52


Saurabh Sharma
10-05-2022
Reviewer


10-05-2022
PremKumar
[Authorized Signatory]

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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2205020032 Sample Reg. Date :02-05-2022 Report Date :10-05-2022 Report No. :ICE-2205100443 NABL ULR No. :TC592622000007184F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

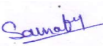
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	22.26
f.	Lead(As Pb),µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	1.4
h.	Ammonia(NH ₃),µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	29.28
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ(LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	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
10-05-2022
Reviewer


10-05-2022
PremKumar
[Authorized Signatory]

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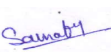
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2205020033 Sample Reg. Date :02-05-2022 Report Date :10-05-2022 Report No. :ICE-2205100442 NABL ULR No. :TC592622000007163F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Shakti Vihar
Date of Monitoring	: 21-04-2022
Time of Monitoring	: 11:40 Hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.32
Volume of air sampled,m3	: 1779.14
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(SO ₂),µg/m ³	IS:5182(P-2)	80 Max	8.24
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS:5182(P-6)	80 Max	15.32
c.	Particulate Matter (PM ₁₀),µg/m ³	IS:5182(P-23)	100 Max	92.23
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW-01	60 Max	51.30


Saurabh Sharma
10-05-2022
Reviewer


10-05-2022
PremKumar
[Authorized Signatory]

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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2205020033 Sample Reg. Date :02-05-2022 Report Date :10-05-2022 Report No. :ICE-2205100442 NABL ULR No. :TC592622000007163F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

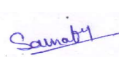
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	21.36
f.	Lead(As Pb),µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	BLQ(LOQ:1.0)
h.	Ammonia(NH ₃),µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	25.18
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ(LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	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
10-05-2022
Reviewer


10-05-2022
PremKumar
[Authorized Signatory]

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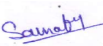
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2205020035 Sample Reg. Date :02-05-2022 Report Date :10-05-2022 Report No. :ICE-2205100440 NABL ULR No. :TC592622000007174F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Gate No.3
Date of Monitoring	: 25-04-2022
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	: 1798.42
Avg. Ambient Temperature,°C	: 36

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(SO ₂),µg/m ³	IS:5182(P-2)	80 Max	11.36
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS:5182(P-6)	80 Max	20.14
c.	Particulate Matter (PM ₁₀),µg/m ³	IS:5182(P-23)	100 Max	133.24
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW-01	60 Max	58.67


Saurabh Sharma
10-05-2022
Reviewer


10-05-2022
PremKumar
[Authorized Signatory]

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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2205020035 Sample Reg. Date :02-05-2022 Report Date :10-05-2022 Report No. :ICE-2205100440 NABL ULR No. :TC592622000007174F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

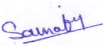
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	22.14
f.	Lead(As Pb),µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	1.7
h.	Ammonia(NH ₃),µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	29.24
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ(LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	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
10-05-2022
Reviewer


10-05-2022
PremKumar
[Authorized Signatory]

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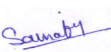
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2205020034 Sample Reg. Date :02-05-2022 Report Date :10-05-2022 Report No. :ICE-2205100441 NABL ULR No. :TC592622000007183F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Block C-3
Date of Monitoring	: 25-04-2022
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	: 1798.42
Avg. Ambient Temperature,°C	: 36

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(SO ₂),µg/m ³	IS:5182(P-2)	80 Max	9.23
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS:5182(P-6)	80 Max	22.41
c.	Particulate Matter (PM ₁₀),µg/m ³	IS:5182(P-23)	100 Max	124.53
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW-01	60 Max	58.71


Saurabh Sharma
10-05-2022
Reviewer


10-05-2022
PremKumar
[Authorized Signatory]

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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2205020034 Sample Reg. Date :02-05-2022 Report Date :10-05-2022 Report No. :ICE-2205100441 NABL ULR No. :TC592622000007183F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

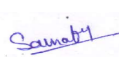
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	23.41
f.	Lead(As Pb),µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	1.4
h.	Ammonia(NH ₃),µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	29.41
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ(LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	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
10-05-2022
Reviewer


10-05-2022
PremKumar
[Authorized Signatory]

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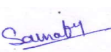
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2205020036 Sample Reg. Date :02-05-2022 Report Date :10-05-2022 Report No. :ICE-2205100439 NABL ULR No. :TC592622000007172F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Village-Khanpur
Date of Monitoring	: 25-04-2022
Time of Monitoring	: 10:20 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	: 1784.89
Avg. Ambient Temperature,°C	: 36

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	10.52
b.	Nitrogen Dioxide(NO2),µg/m3	IS:5182(P-6)	80 Max	19.41
c.	Particulate Matter (PM10),µg/m3	IS:5182(P-23)	100 Max	129.21
d.	Particulate matter (PM 2.5),µg/m3	STP/ITC/EW-01	60 Max	58.51


Saurabh Sharma
10-05-2022
Reviewer


10-05-2022
PremKumar
[Authorized Signatory]

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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2205020036 Sample Reg. Date :02-05-2022 Report Date :10-05-2022 Report No. :ICE-2205100439 NABL ULR No. :TC592622000007172F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

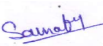
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	23.61
f.	Lead(As Pb),µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	1.6
h.	Ammonia(NH ₃),µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	28.41
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ(LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	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
10-05-2022
Reviewer


10-05-2022
PremKumar
[Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.
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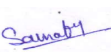
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2205020037 Sample Reg. Date :02-05-2022 Report Date :10-05-2022 Report No. :ICE-2205100438 NABL ULR No. :TC592622000007185F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Shakti Vihar
Date of Monitoring	: 25-04-2022
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	: 1811.94
Avg. Ambient Temperature,°C	: 36

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	7.36
b.	Nitrogen Dioxide(NO2),µg/m3	IS:5182(P-6)	80 Max	14.36
c.	Particulate Matter (PM10),µg/m3	IS:5182(P-23)	100 Max	89.42
d.	Particulate matter (PM 2.5),µg/m3	STP/ITC/EW-01	60 Max	49.23


Saurabh Sharma
10-05-2022
Reviewer


10-05-2022
PremKumar
[Authorized Signatory]

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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2205020037 Sample Reg. Date :02-05-2022 Report Date :10-05-2022 Report No. :ICE-2205100438 NABL ULR No. :TC592622000007185F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

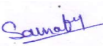
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	BLQ(LOQ:14)
f.	Lead(As Pb),µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	BLQ(LOQ:1.0)
h.	Ammonia(NH ₃),µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	28.34
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ(LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	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
10-05-2022
Reviewer


10-05-2022
PremKumar
[Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.
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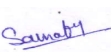
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2205020039 Sample Reg. Date :02-05-2022 Report Date :10-05-2022 Report No. :ICE-2205100436 NABL ULR No. :TC592622000007162F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Gate No.3
Date of Monitoring	: 28-04-2022
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	: 1784.89
Avg. Ambient Temperature,°C	: 36

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(SO ₂),µg/m ³	IS:5182(P-2)	80 Max	12.34
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS:5182(P-6)	80 Max	24.10
c.	Particulate Matter (PM ₁₀),µg/m ³	IS:5182(P-23)	100 Max	139.25
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW-01	60 Max	62.79


Saurabh Sharma
10-05-2022
Reviewer


10-05-2022
PremKumar
[Authorized Signatory]

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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2205020039 Sample Reg. Date :02-05-2022 Report Date :10-05-2022 Report No. :ICE-2205100436 NABL ULR No. :TC592622000007162F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

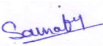
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	21.62
f.	Lead(As Pb),µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	1.6
h.	Ammonia(NH ₃),µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	28.21
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ(LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	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
10-05-2022
Reviewer


10-05-2022
PremKumar
[Authorized Signatory]

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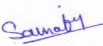
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2205020038 Sample Reg. Date :02-05-2022 Report Date :10-05-2022 Report No. :ICE-2205100437 NABL ULR No. :TC592622000007177F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Block C-6
Date of Monitoring	: 28-04-2022
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	: 1784.89
Avg. Ambient Temperature,°C	: 36

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	10.24
b.	Nitrogen Dioxide(NO2),µg/m3	IS:5182(P-6)	80 Max	23.41
c.	Particulate Matter (PM ₁₀),µg/m3	IS:5182(P-23)	100 Max	127.63
d.	Particulate matter (PM _{2.5}),µg/m3	STP/ITC/EW-01	60 Max	62.34


Saurabh Sharma
10-05-2022
Reviewer


10-05-2022
PremKumar
[Authorized Signatory]

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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2205020038 Sample Reg. Date :02-05-2022 Report Date :10-05-2022 Report No. :ICE-2205100437 NABL ULR No. :TC592622000007177F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

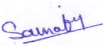
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	24.36
f.	Lead(As Pb),µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	1.5
h.	Ammonia(NH ₃),µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	30.12
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ(LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	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
10-05-2022
Reviewer


10-05-2022
PremKumar
[Authorized Signatory]

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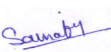
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2205020040 Sample Reg. Date :02-05-2022 Report Date :10-05-2022 Report No. :ICE-2205100435 NABL ULR No. :TC592622000007171F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Village-Khanpur
Date of Monitoring	: 28-04-2022
Time of Monitoring	: 10:40 Hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.35
Volume of air sampled,m3	: 1825.46
Avg. Ambient Temperature,°C	: 36

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(SO ₂),µg/m ³	IS:5182(P-2)	80 Max	12.24
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS:5182(P-6)	80 Max	23.21
c.	Particulate Matter (PM ₁₀),µg/m ³	IS:5182(P-23)	100 Max	137.12
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW-01	60 Max	63.40


Saurabh Sharma
10-05-2022
Reviewer


10-05-2022
PremKumar
[Authorized Signatory]

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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2205020040 Sample Reg. Date :02-05-2022 Report Date :10-05-2022 Report No. :ICE-2205100435 NABL ULR No. :TC592622000007171F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

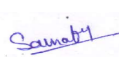
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	22.67
f.	Lead(As Pb),µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	1.5
h.	Ammonia(NH ₃),µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	29.36
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ(LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	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
10-05-2022
Reviewer


10-05-2022
PremKumar
[Authorized Signatory]

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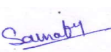
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2205020041 Sample Reg. Date :02-05-2022 Report Date :10-05-2022 Report No. :ICE-2205100434 NABL ULR No. :TC592622000007176F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Shakti Vihar
Date of Monitoring	: 28-04-2022
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	: 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(SO ₂),µg/m ³	IS:5182(P-2)	80 Max	9.42
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS:5182(P-6)	80 Max	16.81
c.	Particulate Matter (PM ₁₀),µg/m ³	IS:5182(P-23)	100 Max	94.36
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW-01	60 Max	53.41


Saurabh Sharma
10-05-2022
Reviewer


10-05-2022
PremKumar
[Authorized Signatory]

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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2205020041 Sample Reg. Date :02-05-2022 Report Date :10-05-2022 Report No. :ICE-2205100434 NABL ULR No. :TC592622000007176F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

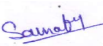
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	BLQ(LOQ:14)
f.	Lead(As Pb),µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	BLQ(LOQ:1.0)
h.	Ammonia(NH ₃),µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	27.21
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ(LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	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
10-05-2022
Reviewer


10-05-2022
PremKumar
[Authorized Signatory]

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Test Report

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Page 1 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2204020053 Sample Reg. Date :02-04-2022 Report Date :05-04-2022 Report No. :ICE-2204050128 NABL ULR No. :TC592622000005601F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020
Test Report as per :	: EPA Act 1986/PCLS/2010
General Information :	
Date of Monitoring	: 01-04-2022
Time of Monitoring	: 11:30 to 11:52 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 & 415 Ton/hr
(d) Normal operating schedule	: For Self Monitoring
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 Burner
(a) Status	: Working
(b) Recovery of Material	: -
(9) Fugitive Emission,if any	: Nil
Observations :	

Saurabh Sharma
Saurabh Sharma
05-04-2022
Reviewer

PremKumar
05-04-2022
PremKumar
[Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.

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Test Report

Document QF : 2501
Page 2 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2204020053 Sample Reg. Date :02-04-2022 Report Date :05-04-2022 Report No. :ICE-2204050128 NABL ULR No. :TC592622000005601F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

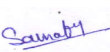
Flue Gas Temperature, °C,Avg.	: 57
Flue Gas Velocity(m/s),Avg.	: 26.54
Volumetric Flow Rate(Nm ³ /hr.)	: 3222658.23
Ambient Air Temperature, °C	: 36

S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	General Parameters			
a.	Particulate Matter, mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-1)	Max. 50	32.14
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-2)	Max. 200	140.40
c.	Oxides of Nitrogen (NO _x), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-7)	Max. 450	178.70
d.	Mercury(As Hg),mg/Nm ³	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 01.04.2022, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A


Saurabh Sharma
05-04-2022
Reviewer


05-04-2022
PremKumar
[Authorized Signatory]

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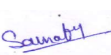
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Test Report

Document QF : 2501
Page 3 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2204020053 Sample Reg. Date :02-04-2022 Report Date :05-04-2022 Report No. :ICE-2204050128 NABL ULR No. :TC592622000005601F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

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


Saurabh Sharma
05-04-2022
Reviewer


05-04-2022
PremKumar
[Authorized Signatory]

Disclaimer :

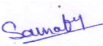
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Test Report

Document QF : 2501
Page 1 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2204110369 Sample Reg. Date :11-04-2022 Report Date :14-04-2022 Report No. :ICE-2204140569 NABL ULR No. :TC592622000006064F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: EPA Act 1986/PCLS/2010
General Information :	
Date of Monitoring	: 07-04-2022
Time of Monitoring	: 14:20 to 14: 47 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 & 371 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)	: 270
Diameter of the Stack(cm)	: 7
(6) Sampling Duration(minutes)	: 27
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 :	


Saurabh Sharma
14-04-2022
Reviewer


14-04-2022
PremKumar
[Authorized Signatory]

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Test Report

Document QF : 2501
Page 2 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2204110369 Sample Reg. Date :11-04-2022 Report Date :14-04-2022 Report No. :ICE-2204140569 NABL ULR No. :TC592622000006064F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

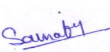
Flue Gas Temperature, °C,Avg.	: 53
Flue Gas Velocity(m/s),Avg.	: 21.15
Volumetric Flow Rate(Nm ³ /hr.)	: 2529228.84
Ambient Air Temperature, °C	: 36

S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	General Parameters			
a.	Particulate Matter, mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-1)	Max. 50	25.24
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-2)	Max. 200	180.42
c.	Oxides of Nitrogen (NO _x), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-7)	Max. 450	264.91
d.	Mercury(As Hg),mg/Nm ³	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	6.4

'#' 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 07.04.2022, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A


Saurabh Sharma
14-04-2022
Reviewer


14-04-2022
PremKumar
[Authorized Signatory]

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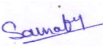
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Test Report

Document QF : 2501
Page 3 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2204110369 Sample Reg. Date :11-04-2022 Report Date :14-04-2022 Report No. :ICE-2204140569 NABL ULR No. :TC592622000006064F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

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


Saurabh Sharma
14-04-2022
Reviewer


14-04-2022
PremKumar
[Authorized Signatory]

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Document QF : 2501
Page 1 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2204160621 Sample Reg. Date :16-04-2022 Report Date :21-04-2022 Report No. :ICE-2204210921 NABL ULR No. :TC592622000006393F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: EPA Act 1986/PCLS/2010
General Information :	
Date of Monitoring	: 15-04-2022
Time of Monitoring	: 10:40 to 11:02 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 & 370 Ton/hrs
(d) Normal operating schedule	: As Required
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
Observations :	

Saurabh Sharma
Saurabh Sharma
21-04-2022
Reviewer

PremKumar
21-04-2022
PremKumar
[Authorized Signatory]

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Document QF : 2501
Page 2 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2204160621 Sample Reg. Date :16-04-2022 Report Date :21-04-2022 Report No. :ICE-2204210921 NABL ULR No. :TC592622000006393F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

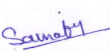
Flue Gas Temperature, °C,Avg.	: 58
Flue Gas Velocity(m/s),Avg.	: 26.07
Volumetric Flow Rate(Nm ³ /hr.)	: 3138918.26
Ambient Air Temperature, °C	: 38

S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	General Parameters			
a.	Particulate Matter, mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-1)	Max. 50	29.31
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-2)	Max. 200	175.53
c.	Oxides of Nitrogen (NO _x), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-7)	Max. 450	184.81
d.	Mercury(As Hg),mg/Nm ³	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	6.4

'#' 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 15.04.2022, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A


Saurabh Sharma
21-04-2022
Reviewer


21-04-2022
PremKumar
[Authorized Signatory]

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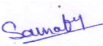
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2204160621 Sample Reg. Date :16-04-2022 Report Date :21-04-2022 Report No. :ICE-2204210921 NABL ULR No. :TC592622000006393F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

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


Saurabh Sharma
21-04-2022
Reviewer


21-04-2022
PremKumar
[Authorized Signatory]

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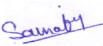
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2204250942 Sample Reg. Date :25-04-2022 Report Date :29-04-2022 Report No. :ICE-2204291271 NABL ULR No. :TC592622000006786F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: EPA Act 1986/PCLS/2010
General Information :	
Date of Monitoring	: 22-04-2022
Time of Monitoring	: 09:40 to 10:01 hrs
Name of the emission source monitored	: Stack Emission of Boiler
(a) Rated Capacity	: 660 MW
(b) Capacity on sampling day	: 632 MW
(c) Type of fuel used & its consumption	: Coal & 429 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
Observations :	


Saurabh Sharma
29-04-2022
Reviewer


29-04-2022
PremKumar
[Authorized Signatory]

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2204250942 Sample Reg. Date :25-04-2022 Report Date :29-04-2022 Report No. :ICE-2204291271 NABL ULR No. :TC592622000006786F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

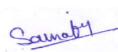
Flue Gas Temperature, °C,Avg.	: 54
Flue Gas Velocity(m/s),Avg.	: 37.03
Volumetric Flow Rate(Nm ³ /hr.)	: 3303292.39
Ambient Air Temperature, °C	: 35

S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	General Parameters			
a.	Particulate Matter, mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-1)	Max. 50	28.39
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-2)	Max. 200	171.40
c.	Oxides of Nitrogen (NO _x), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-7)	Max. 450	176.14
d.	Mercury(As Hg),mg/Nm ³	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 : 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 22.04.2022, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A


 Saurabh Sharma
 29-04-2022
 Reviewer


 29-04-2022
 PremKumar
 [Authorized Signatory]

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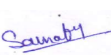
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Test Report

Document QF : 2501
Page 3 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2204250942 Sample Reg. Date :25-04-2022 Report Date :29-04-2022 Report No. :ICE-2204291271 NABL ULR No. :TC592622000006786F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

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


Saurabh Sharma
29-04-2022
Reviewer


29-04-2022
PremKumar
[Authorized Signatory]

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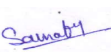
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2204250943 Sample Reg. Date :25-04-2022 Report Date :29-04-2022 Report No. :ICE-2204291270 NABL ULR No. :TC592622000006787F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: EPA Act 1986/PCLS/2010
General Information :	
Date of Monitoring	: 22-04-2022
Time of Monitoring	: 09:10 to 09:34 hrs
Name of the emission source monitored	: Stack Emission of Boiler
(a) Rated Capacity	: 660 MW
(b) Capacity on sampling day	: 463 MW
(c) Type of fuel used & its consumption	: Coal & 303 Ton/hrs
(d) Normal operating schedule	: 24 hrs
2. Stack Identification	: Stack attached to Boiler, Unit-2 (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 :	


Saurabh Sharma
29-04-2022
Reviewer


29-04-2022
PremKumar
[Authorized Signatory]

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Test Report

Document QF : 2501
Page 2 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2204250943 Sample Reg. Date :25-04-2022 Report Date :29-04-2022 Report No. :ICE-2204291270 NABL ULR No. :TC592622000006787F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

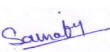
Flue Gas Temperature, °C,Avg.	: 52
Flue Gas Velocity(m/s),Avg.	: 24.06
Volumetric Flow Rate(Nm ³ /hr.)	: 295827.87
Ambient Air Temperature, °C	: 35

S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	General Parameters			
a.	Particulate Matter, mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-1)	Max. 50	26.41
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-2)	Max. 200	158.37
c.	Oxides of Nitrogen (NO _x), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-7)	Max. 450	226.02
d.	Mercury(As Hg),mg/Nm ³	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 22.04.2022, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A


Saurabh Sharma
29-04-2022
Reviewer


29-04-2022
PremKumar
[Authorized Signatory]

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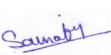
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Test Report

Document QF : 2501
Page 3 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2204250943 Sample Reg. Date :25-04-2022 Report Date :29-04-2022 Report No. :ICE-2204291270 NABL ULR No. :TC592622000006787F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

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


Saurabh Sharma
29-04-2022
Reviewer


29-04-2022
PremKumar
[Authorized Signatory]

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Test Report

Document QF : 2501
Page 1 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2204301068 Sample Reg. Date :30-04-2022 Report Date :06-05-2022 Report No. :ICE-2205060134 NABL ULR No. :TC592622000007026F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: EPA Act 1986/PCLS/2010
General Information :	
Date of Monitoring	: 29-04-2022
Time of Monitoring	: 12:00 to 12:27 hrs
Name of the emission source monitored	: Stack Emission of Boiler
(a) Rated Capacity	: 660 MW
(b) Capacity on sampling day	: 401 MW
(c) Type of fuel used & its consumption	: Coal & 255 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)	: 27
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 :	

Saurabh Sharma
Saurabh Sharma
06-05-2022
Reviewer

PremKumar
06-05-2022
PremKumar
[Authorized Signatory]

Disclaimer :

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Test Report

Document QF : 2501
Page 2 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2204301068 Sample Reg. Date :30-04-2022 Report Date :06-05-2022 Report No. :ICE-2205060134 NABL ULR No. :TC592622000007026F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Flue Gas Temperature, °C,Avg.	: 59
Flue Gas Velocity(m/s),Avg.	: 21.76
Volumetric Flow Rate(Nm ³ /hr.)	: 2619205.24
Ambient Air Temperature, °C	: 40

S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	General Parameters			
a.	Particulate Matter, mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-1)	Max. 50	30.26
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-2)	Max. 200	120.63
c.	Oxides of Nitrogen (NO _x), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-7)	Max. 450	150.75
d.	Mercury(As Hg),mg/Nm ³	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	6.4

'#' 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 29.04.2022, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A

Saurabh Sharma
Saurabh Sharma
06-05-2022
Reviewer

PremKumar
06-05-2022
PremKumar
[Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.
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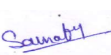
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Test Report

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2204301068 Sample Reg. Date :30-04-2022 Report Date :06-05-2022 Report No. :ICE-2205060134 NABL ULR No. :TC592622000007026F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

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


Saurabh Sharma
06-05-2022
Reviewer


06-05-2022
PremKumar
[Authorized Signatory]

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Test Report

Document QF : 2501
Page 1 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2204301070 Sample Reg. Date :30-04-2022 Report Date :06-05-2022 Report No. :ICE-2205060171 NABL ULR No. :TC592622000007028F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: EPA Act 1986/PCLS/2010
General Information :	
Date of Monitoring	: 29-04-2022
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 & 264 Ton/hrs
(d) Normal operating schedule	: 24 hrs
2. Stack Identification	: Stack attached to Boiler, Unit-2 (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
Observations :	

Saurabh Sharma
06-05-2022
Reviewer

06-05-2022
PremKumar
[Authorized Signatory]

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2204301070
	Sample Reg. Date :30-04-2022
	Report Date :06-05-2022
	Report No. :ICE-2205060171
	NABL ULR No. :TC592622000007028F
	Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Flue Gas Temperature, °C,Avg.	: 50
Flue Gas Velocity(m/s),Avg.	: 22.60
Volumetric Flow Rate(Nm ³ /hr.)	: 2796112.50
Ambient Air Temperature, °C	: 40

S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	General Parameters			
a.	Particulate Matter, mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-1)	Max. 50	28.27
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-2)	Max. 200	115.45
c.	Oxides of Nitrogen (NO _x), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-7)	Max. 450	329.95
d.	Mercury(As Hg),mg/Nm ³	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	6.2

'#' 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. SSample collected by lab rep. on 29.04.2022, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A


Saurabh Sharma
06-05-2022
Reviewer


06-05-2022
PremKumar
[Authorized Signatory]

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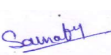
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2204301070 Sample Reg. Date :30-04-2022 Report Date :06-05-2022 Report No. :ICE-2205060171 NABL ULR No. :TC592622000007028F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

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


Saurabh Sharma
06-05-2022
Reviewer


06-05-2022
PremKumar
[Authorized Signatory]

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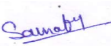
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2205020013 Sample Reg. Date :02-05-2022 Report Date :09-05-2022 Report No. :ICE-2205090216 NABL ULR No. :TC592622000007109F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

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

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	02-05-2022
n)	Date of Start	02-05-2022
o)	Date of Completion	09-05-2022
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample collected by lab rep. on 29.04.2022


 Saurabh Sharma
 09-05-2022
 Reviewer


 09-05-2022
 PremKumar
 [Authorized Signatory]

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Test Report

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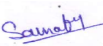
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2205020013 Sample Reg. Date :02-05-2022 Report Date :09-05-2022 Report No. :ICE-2205090216 NABL ULR No. :TC592622000007109F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

s)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
t)	Manufactured By [#]	NA
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
Discipline : Chemical				
Group : Pollution & Environment				
1. General Parameters				
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)		8.35
d.	Total Suspended Solids,(mg/l)	IS:3025(Part 17)		61
e.	Total Dissolved Solids (mg/l)	IS:3025(Part 16):1984(RA.2006)	-	617


Saurabh Sharma
09-05-2022
Reviewer


09-05-2022
PremKumar
[Authorized Signatory]

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2205020013 Sample Reg. Date :02-05-2022 Report Date :09-05-2022 Report No. :ICE-2205090216 NABL ULR No. :TC592622000007109F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

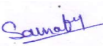
f.	Chemical Oxygen Demand(mg/l)	IS: 3025(Part-58)	127
g.	Bio-chemical Oxygen Demand, mg/l (3 days at 27°C)	IS:3025(P-44)	20
h.	Oil & Grease(mg/l)	IS:3025(P-39)	<4.0
i.	Zinc(As Zn)(mg/l)	IS: 3025 (P-2)	BLQ(LOQ:0.05)
j.	Arsenic(as As)(mg/l)	IS: 3025 (P-2)	BLQ(LOQ:0.05)
k.	Total Chromium as Cr (mg/l)	IS: 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)	25
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:0.003)

'#' 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
09-05-2022
Reviewer


09-05-2022
PremKumar
[Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.
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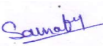
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2205020015 Sample Reg. Date :02-05-2022 Report Date :12-05-2022 Report No. :ICE-2205120541 NABL ULR No. :TC592622000007243F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

Test Report as per IS: EPA Act 1986/PCLS/2010	With Amendment No.(s):

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 Ltr
k)	Batch Size/Location #	NA
l)	Mode of Packing	Packed in bottles
m)	Date of Receipt	02-05-2022
n)	Date of Start	02-05-2022
o)	Date of Completion	12-05-2022
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample collected by lab rep. on 29.04.2022


Saurabh Sharma
12-05-2022
Reviewer


12-05-2022
PremKumar
[Authorized Signatory]

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Test Report

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2205020015 Sample Reg. Date :02-05-2022 Report Date :12-05-2022 Report No. :ICE-2205120541 NABL ULR No. :TC592622000007243F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

s)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
t)	Manufactured By [#]	NA
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
Discipline : Chemical				
Group : Pollution & Environment				
1. General Parameters				
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	7.87
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)	Max. 2100--	650


Saurabh Sharma
12-05-2022
Reviewer


12-05-2022
PremKumar
[Authorized Signatory]

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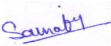
f.	Chemical Oxygen Demand(mg/l)	IS: 3025(Part-58)	Max. 250	38
g.	Bio-chemical Oxygen Demand, mg/l (5 days at 20°C)	IS:3025(P-44)	Max. 30	10
h.	Oil & Grease(mg/l)	IS:3025(P-39)	Max. 10	<4.0
i.	Zinc(As Zn)(mg/l)	IS: 3025 (P-2)	Max. 5.0	BLQ(LOQ:0.05)
j.	Arsenic(as As)(mg/l)	IS: 3025 (P-2)	Max. 0.2	BLQ(LOQ:0.05)
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)		25
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	Max. 5.0	BLQ(LOQ:0.003)

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
 12-05-2022
 Reviewer


 12-05-2022
 PremKumar
 [Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.
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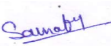
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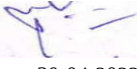
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2204250927 Sample Reg. Date :25-04-2022 Report Date :30-04-2022 Report No. :ICE-2204301293 NABL ULR No. :TC592622000006817F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

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	25-04-2022
n)	Date of Start	25-04-2022
o)	Date of Completion	30-04-2022
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample collected by lab rep. on 22.04.2022


Saurabh Sharma
30-04-2022
Reviewer


30-04-2022
PremKumar
[Authorized Signatory]

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Test Report

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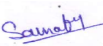
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2204250927 Sample Reg. Date :25-04-2022 Report Date :30-04-2022 Report No. :ICE-2204301293 NABL ULR No. :TC592622000006817F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

s)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
t)	Manufactured By [#]	NA
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
Discipline : Chemical				
Group : Pollution & Environment				
1. General Parameters				
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)		7.00
d.	Total Suspended Solids,(mg/l)	IS:3025(Part 17)		84
e.	Total Dissolved Solids (mg/l)	IS:3025(Part 16):1984(RA.2006)	-	1814


Saurabh Sharma
30-04-2022
Reviewer


30-04-2022
PremKumar
[Authorized Signatory]

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Test Report

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2204250927 Sample Reg. Date :25-04-2022 Report Date :30-04-2022 Report No. :ICE-2204301293 NABL ULR No. :TC592622000006817F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

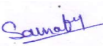
f.	Chemical Oxygen Demand(mg/l)	IS: 3025(Part-58)	144
g.	Bio-chemical Oxygen Demand, mg/l (3 days at 27°C)	IS:3025(P-44)	50
h.	Oil & Grease(mg/l)	IS:3025(P-39)	4.8
i.	Free Residual Chlorine (mg/l)	IS:3025(Part 26):1986(RA:2014)amd no 1	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
30-04-2022
Reviewer


30-04-2022
PremKumar
[Authorized Signatory]

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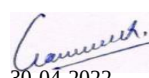
Page 1 of 3

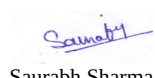
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2204250928 Sample Reg. Date :25-04-2022 Report Date :30-04-2022 Report No. :ICE-2204301301 NABL ULR No. :TC592622000006814F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

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 #	1 Ltr
k)	Batch Size/Location #	NA
l)	Mode of Packing	Packed in bottle
m)	Date of Receipt	25-04-2022
n)	Date of Start	25-04-2022
o)	Date of Completion	30-04-2022
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample collected by lab rep. on 22.04.2022


 30-04-2022
 Gaurav Khandelwal
 [Authorized Signatory]


 Saurabh Sharma
 30-04-2022
 Reviewer


 30-04-2022
 PremKumar
 [Authorized Signatory]

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Test Report

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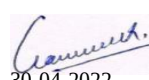
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2204250928 Sample Reg. Date :25-04-2022 Report Date :30-04-2022 Report No. :ICE-2204301301 NABL ULR No. :TC592622000006814F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

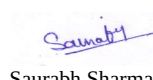
s)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
t)	Manufactured By [#]	NA
u)	Supplied By [#]	NA

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
Discipline : Chemical				
Group : Pollution & Environment				
1.	General Parameters			
a.	Nitrate as NO ₃ (mg/l)	IS:3025(P-34)		BLQ(LOQ:1.0)
b.	Calcium(as Ca)(mg/l)	IS:3025(P-40)	-	56
c.	Magnesium as Mg(mg/l)	IS:3025(Part-46)	-	13
d.	Sodium(as Na)(mg/l)	IS:3025(P-45)	-	10.3
e.	Potassium as K,(mg/l)	IS:3025(P-45)		12.1
f.	Phosphate as PO ₄ (mg/l)	APHA-23rd Edition		BLQ(LOQ:0.003)
Discipline : Biological				
Group : Pollution & Environment				


30-04-2022
Gaurav Khandelwal
[Authorized Signatory]


Saurabh Sharma
30-04-2022
Reviewer


30-04-2022
PremKumar
[Authorized Signatory]

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2204250928 Sample Reg. Date :25-04-2022 Report Date :30-04-2022 Report No. :ICE-2204301301 NABL ULR No. :TC592622000006814F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

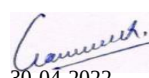
1.	Microbiological Tests			
a.	Faecal Coliforms, (MPN/100ml)	APHA-23 rd Edn 17-9221 F		1.8 x 10 ⁴
b.	E.coli, (MPN/100ml)	APHA-23 rd Edn 17-9221 F		1.1 x 10 ⁴
c.	Total Coliform (MPN/100ml)	APHA-23 rd Edn 17-9221 F		4.0 x 10 ⁴

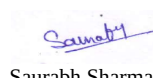
'#' represents Customer Defined Fields

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*****


 30-04-2022
 Gaurav Khandelwal
 [Authorized Signatory]


 Saurabh Sharma
 30-04-2022
 Reviewer


 30-04-2022
 PremKumar
 [Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.
 86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)
 Panchkula-134109 (Haryana)
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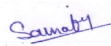
Page 1 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2204250929 Sample Reg. Date :25-04-2022 Report Date :30-04-2022 Report No. :ICE-2204301294 NABL ULR No. :TC592622000006813F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per IS: EPA Act 1986/PCLS/2010	With Amendment No.(s):

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	25-04-2022
n)	Date of Start	25-04-2022
o)	Date of Completion	30-04-2022
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample collected by lab rep. on 22.04.2022


Saurabh Sharma
30-04-2022
Reviewer


30-04-2022
PremKumar
[Authorized Signatory]

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Test Report

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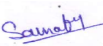
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2204250929 Sample Reg. Date :25-04-2022 Report Date :30-04-2022 Report No. :ICE-2204301294 NABL ULR No. :TC592622000006813F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

s)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
t)	Manufactured By [#]	NA
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
Discipline : Chemical				
Group : Pollution & Environment				
1. General Parameters				
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	7.14
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	854


Saurabh Sharma
30-04-2022
Reviewer


30-04-2022
PremKumar
[Authorized Signatory]

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Test Report

Document QF : 2501

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2204250929 Sample Reg. Date :25-04-2022 Report Date :30-04-2022 Report No. :ICE-2204301294 NABL ULR No. :TC592622000006813F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

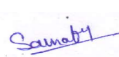
f.	Chemical Oxygen Demand(mg/l)	IS: 3025(Part-58)	Not Specified	99
g.	Bio-chemical Oxygen Demand, mg/l (3 days at 27°C)	IS:3025(P-44)	Max. 30	20
h.	Oil & Grease(mg/l)	IS:3025(P-39)	Max. 10	<4.0
i.	Free Residual Chlorine (mg/l)	IS:3025(P-26)	Max. 1.0	BLQ(LOQ:1.0)

'#' 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, Purpose - For Self Monitoring

REMARKS :N/A

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


Saurabh Sharma
30-04-2022
Reviewer


30-04-2022
PremKumar
[Authorized Signatory]

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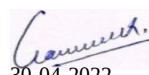
Page 1 of 3

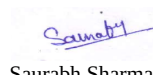
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2204250930 Sample Reg. Date :25-04-2022 Report Date :30-04-2022 Report No. :ICE-2204301302 NABL ULR No. :TC592622000006811F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

Test Report as per IS: EPA Act 1986/PCLS/2010	With Amendment No.(s):

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	25-04-2022
n)	Date of Start	25-04-2022
o)	Date of Completion	30-04-2022
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample collected by lab rep. on 22.04.2022


30-04-2022
Gaurav Khandelwal
[Authorized Signatory]


Saurabh Sharma
30-04-2022
Reviewer


30-04-2022
PremKumar
[Authorized Signatory]

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Test Report

Document QF : 2501

Page 2 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2204250930 Sample Reg. Date :25-04-2022 Report Date :30-04-2022 Report No. :ICE-2204301302 NABL ULR No. :TC592622000006811F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

s) Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
t) Manufactured By [#]	NA
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
Discipline : Chemical				
Group : Pollution & Environment				
1. General Parameters				
a.	Nitrate as NO ₃ (mg/l)	IS 3025 (Part 34)	Max. 10	BLQ(LOQ:1.0)
b.	Calcium(as Ca)(mg/l)	IS:3025(P-40)	Not Specified	65
c.	Magnesium as Mg(mg/l)	IS: 3025 (P-46)	Not Specified	17
d.	Sodium(as Na)(mg/l)	IS:3025(P-45)	Not Specified	17.5
e.	Potassium as K,(mg/l)	IS:3025(P-45)	Not Specified	11.8
f.	Phosphate(as PO ₄), mg/L	APHA-23rd Edition	Max. 5.0	BLQ(LOQ:0.003)
Discipline : Biological				
Group : Pollution & Environment				

Gaurav Khandelwal
30-04-2022

Gaurav Khandelwal
[Authorized Signatory]

Saurabh Sharma
30-04-2022

Saurabh Sharma
30-04-2022
Reviewer

PremKumar
30-04-2022

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

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2204250930 Sample Reg. Date :25-04-2022 Report Date :30-04-2022 Report No. :ICE-2204301302 NABL ULR No. :TC592622000006811F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

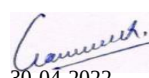
1.	Microbiological Tests			
a.	Faecal Coliform, MPN/100ml	APHA-23 rd Edn 17-9221 F	Max. 1000	<1.8
b.	E.coli, (MPN/100ml)	APHA 23rd Edn 17-9221 E	Not Specified	<1.8
c.	Total Coliform (MPN/100ml)	APHA-23 rd Edn 17-9221 F	Not Specified	17

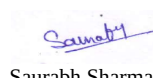
'#' represents Customer Defined Fields

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*****


 30-04-2022
 Gaurav Khandelwal
 [Authorized Signatory]


 Saurabh Sharma
 30-04-2022
 Reviewer


 30-04-2022
 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

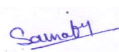
Page 1 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2204250923 Sample Reg. Date :25-04-2022 Report Date :30-04-2022 Report No. :ICE-2204301291 NABL ULR No. :TC592622000006809F Customer Ref. No.: Order No.5030010814 Letter Dated :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 (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	25-04-2022
n)	Date of Start	25-04-2022
o)	Date of Completion	30-04-2022
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample collected by lab rep. on 22.04.2022


Saurabh Sharma
30-04-2022
Reviewer


30-04-2022
PremKumar
[Authorized Signatory]

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Test Report

Document QF : 2501

Page 2 of 3

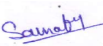
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2204250923 Sample Reg. Date :25-04-2022 Report Date :30-04-2022 Report No. :ICE-2204301291 NABL ULR No. :TC592622000006809F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

s) Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
t) Manufactured By [#]	NA
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
Discipline : Chemical				
Group : Pollution & Environment				
1. General Parameters				
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)		7.16
d.	Total Suspended Solids,(mg/l)	IS:3025(Part 17)		108
e.	Total Dissolved Solids (mg/l)	IS:3025(Part 16):1984(RA.2006)	-	601


Saurabh Sharma
30-04-2022
Reviewer


30-04-2022
PremKumar
[Authorized Signatory]

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Test Report

Document QF : 2501

Page 3 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2204250923 Sample Reg. Date :25-04-2022 Report Date :30-04-2022 Report No. :ICE-2204301291 NABL ULR No. :TC592622000006809F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

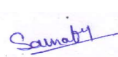
f.	Chemical Oxygen Demand(mg/l)	IS: 3025(Part-58)	179
g.	Bio-chemical Oxygen Demand, mg/l (3 days at 27°C)	IS:3025(P-44)	71
h.	Oil & Grease(mg/l)	IS:3025(P-39)	6.2
i.	Free Residual Chlorine (mg/l)	IS:3025(Part 26):1986(RA:2014)amd no 1	BLQ(LOQ:1.0)

'#' 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
30-04-2022
Reviewer


30-04-2022
PremKumar
[Authorized Signatory]

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Test Report

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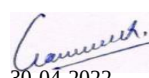
Page 1 of 3

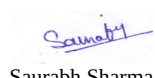
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2204250924 Sample Reg. Date :25-04-2022 Report Date :30-04-2022 Report No. :ICE-2204301296 NABL ULR No. :TC592622000006812F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

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

PART A : PARTICULARS OF SAMPLE SUBMITTED

a)	Nature of Sample #	STP Inlet Water (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	25-04-2022
n)	Date of Start	25-04-2022
o)	Date of Completion	30-04-2022
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample collected by lab rep. on 22.04.2022


30-04-2022
Gaurav Khandelwal
[Authorized Signatory]


Saurabh Sharma
30-04-2022
Reviewer


30-04-2022
PremKumar
[Authorized Signatory]

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Test Report

Document QF : 2501

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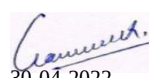
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2204250924 Sample Reg. Date :25-04-2022 Report Date :30-04-2022 Report No. :ICE-2204301296 NABL ULR No. :TC592622000006812F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

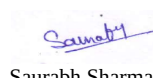
s)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
t)	Manufactured By [#]	NA
u)	Supplied By [#]	NA

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
Discipline : Chemical				
Group : Pollution & Environment				
1.	General Parameters			
a.	Nitrate as NO ₃ (mg/l)	IS:3025(P-34)		BLQ(LOQ:1.0)
b.	Calcium(as Ca)(mg/l)	IS:3025(P-40)	-	84
c.	Magnesium as Mg(mg/l)	IS:3025(Part-46)	-	20
d.	Sodium(as Na)(mg/l)	IS:3025(P-45)	-	26.6
e.	Potassium as K,(mg/l)	IS:3025(P-45)		15.6
f.	Phosphate as PO ₄ (mg/l)	APHA-23rd Edition		BLQ(LOQ:0.003)
Discipline : Biological				
Group : Pollution & Environment				


30-04-2022
Gaurav Khandelwal
[Authorized Signatory]


Saurabh Sharma
30-04-2022
Reviewer


30-04-2022
PremKumar
[Authorized Signatory]

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Test Report

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Page 3 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2204250924 Sample Reg. Date :25-04-2022 Report Date :30-04-2022 Report No. :ICE-2204301296 NABL ULR No. :TC592622000006812F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

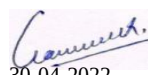
1.	Microbiological Tests			
a.	Faecal Coliforms, (MPN/100ml)	APHA-23 rd Edn 17-9221 F		2.2 x 10 ⁴
b.	E.coli, (MPN/100ml)	APHA-23 rd Edn 17-9221 F		1.4 x 10 ⁴
c.	Total Coliform (MPN/100ml)	APHA-23 rd Edn 17-9221 F		3.2 x 10 ⁴

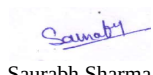
'#' represents Customer Defined Fields

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*****


 30-04-2022
 Gaurav Khandelwal
 [Authorized Signatory]


 Saurabh Sharma
 30-04-2022
 Reviewer


 30-04-2022
 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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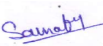
Page 1 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2204250925 Sample Reg. Date :25-04-2022 Report Date :30-04-2022 Report No. :ICE-2204301292 NABL ULR No. :TC592622000006815F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

Test Report as per IS: EPA Act 1986/PCLS/2010	With Amendment No.(s):

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	25-04-2022
n)	Date of Start	25-04-2022
o)	Date of Completion	30-04-2022
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample collected by lab rep. on 22.04.2022


Saurabh Sharma
30-04-2022
Reviewer


30-04-2022
PremKumar
[Authorized Signatory]

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Test Report

Document QF : 2501

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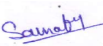
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2204250925 Sample Reg. Date :25-04-2022 Report Date :30-04-2022 Report No. :ICE-2204301292 NABL ULR No. :TC592622000006815F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

s)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
t)	Manufactured By [#]	NA
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
Discipline : Chemical				
Group : Pollution & Environment				
1. General Parameters				
a.	Colour	IS:3025(Part4):1983(RA:2017)amd. no1	Not Specified	Co;ourless
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	13
e.	Total Dissolved Solids (mg/l)	IS:3025(Part 16):1984(RA.2006)	Not Specified	584


Saurabh Sharma
30-04-2022
Reviewer


30-04-2022
PremKumar
[Authorized Signatory]

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Test Report

Document QF : 2501

Page 3 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2204250925 Sample Reg. Date :25-04-2022 Report Date :30-04-2022 Report No. :ICE-2204301292 NABL ULR No. :TC592622000006815F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

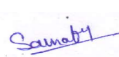
f.	Chemical Oxygen Demand(mg/l)	IS: 3025(Part-58)	Not Specified	19
g.	Bio-chemical Oxygen Demand, mg/l (3 days at 27°C)	IS:3025(P-44)	Max. 30	5
h.	Oil & Grease(mg/l)	IS:3025(P-39)	Max. 10	<4.0
i.	Free Residual Chlorine (mg/l)	IS:3025(P-26)	Max. 1.0	BLQ(LOQ:1.0)

'#' 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, Purpose - For Self Monitoring

REMARKS :N/A

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


Saurabh Sharma
30-04-2022
Reviewer


30-04-2022
PremKumar
[Authorized Signatory]

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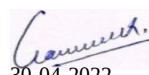
Page 1 of 3

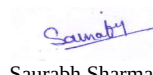
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2204250926 Sample Reg. Date :25-04-2022 Report Date :30-04-2022 Report No. :ICE-2204301299 NABL ULR No. :TC592622000006816F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

Test Report as per IS: EPA Act 1986/PCLS/2010	With Amendment No.(s):

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	25-04-2022
n)	Date of Start	25-04-2022
o)	Date of Completion	30-04-2022
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample collected by lab rep. on 22.04.2022


30-04-2022
Gaurav Khandelwal
[Authorized Signatory]


Saurabh Sharma
30-04-2022
Reviewer


30-04-2022
PremKumar
[Authorized Signatory]

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Test Report

Document QF : 2501

Page 2 of 3

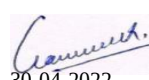
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2204250926 Sample Reg. Date :25-04-2022 Report Date :30-04-2022 Report No. :ICE-2204301299 NABL ULR No. :TC592622000006816F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

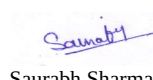
s)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
t)	Manufactured By [#]	NA
u)	Supplied By [#]	NA

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
Discipline : Chemical				
Group : Pollution & Environment				
1.	General Parameters			
a.	Nitrate as NO ₃ (mg/l)	IS 3025 (Part 34)	Max. 10	BLQ(LOQ:1.0)
b.	Calcium(as Ca)(mg/l)	IS:3025(P-40)	Not Specified	75
c.	Magnesium as Mg(mg/l)	IS: 3025 (P-46)	Not Specified	15
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	12.2
f.	Phosphate(as PO ₄), mg/L	APHA-23rd Edition	Max. 5.0	BLQ(LOQ:0.003)
Discipline : Biological				
Group : Pollution & Environment				


30-04-2022
Gaurav Khandelwal
[Authorized Signatory]


Saurabh Sharma
30-04-2022
Reviewer


30-04-2022
PremKumar
[Authorized Signatory]

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Test Report

Document QF : 2501

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2204250926 Sample Reg. Date :25-04-2022 Report Date :30-04-2022 Report No. :ICE-2204301299 NABL ULR No. :TC592622000006816F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

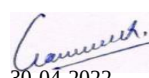
1.	Microbiological Tests			
a.	Faecal Coliform, MPN/100ml	APHA-23 rd Edn 17-9221 F	Max. 1000	<1.8
b.	E.coli, (MPN/100ml)	APHA 23rd Edn 17-9221 E	Not Specified	<1.8
c.	Total Coliform (MPN/100ml)	APHA-23 rd Edn 17-9221 F	Not Specified	22

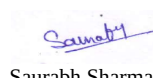
'#' represents Customer Defined Fields

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*****


 30-04-2022
 Gaurav Khandelwal
 [Authorized Signatory]


 Saurabh Sharma
 30-04-2022
 Reviewer


 30-04-2022
 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

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. : E01-2204260951 Sample Reg. Date : 26-04-2022 Report Date : 28-04-2022 Report No. : ICE-2204281252 NABL ULR No. : TC592622000006726F Customer Ref. No. : Order No.5030010814 Letter Dated : 29.10.2020

Test Report as per :	: EPA Act 1986/PCLS/2010
General Information :	
Name of Sample	: Ambient Noise
Date of Monitoring	: 22-04-2022
Time of Monitoring	: Day & Night
Nature of Industry	: Thermal Power Plant
Purpose of Monitoring	: For Self Monitoring

Description				
Description		Ambient Noise Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Location Name			
a.	Near Gate No.1 (Day Time), Leq dB (A)	IS: 9989 (Reaffirmed 2014)	Max. 75.0	54.2
b.	Near Gate No.1 (Night Time), Leq dB (A)	IS: 9989 (Reaffirmed 2014)	Max. 70.0	50.6
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	52.6
e.	Near Gate No.3 (Day Time), Leq dB (A)	IS: 9989 (Reaffirmed 2014)	Max. 75.0	54.9

Saurabh Sharma
28-04-2022
Reviewer

28-04-2022
PremKumar
[Authorized Signatory]

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Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2204260951 Sample Reg. Date :26-04-2022 Report Date :28-04-2022 Report No. :ICE-2204281252 NABL ULR No. :TC592622000006726F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

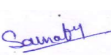
f.	Near Gate No.3 (Night Time), Leq dB (A)	IS: 9989 (Reaffirmed 2014)	Max. 70.0	51.8
g.	Near Guest House (Day Time), Leq dB (A)	IS: 9989 (Reaffirmed 2014)	Max. 75.0	53.4
h.	Near Guest House (Night Time), Leq dB (A)	IS: 9989 (Reaffirmed 2014)	Max. 70.0	50.9
i.	Near D Block (Day Time), Leq dB (A)	IS: 9989 (Reaffirmed 2014)	Max. 75.0	55.1
j.	Near D Block (Night Time), Leq dB (A)	IS: 9989 (Reaffirmed 2014)	Max. 70.0	50.9

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
28-04-2022
Reviewer


28-04-2022
PremKumar
[Authorized Signatory]

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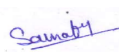
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2205180628 Sample Reg. Date :18-05-2022 Report Date :27-05-2022 Report No. :ICE-2205271031 NABL ULR No. :TC592622000007772F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Gate No.3
Date of Monitoring	: 05-05-2022
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	: 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(SO ₂),µg/m ³	IS:5182(P-2)	80 Max	13.11
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS:5182(P-6)	80 Max	23.19
c.	Particulate Matter (PM ₁₀),µg/m ³	IS:5182(P-23)	100 Max	131.11
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW-01	60 Max	70.12


Saurabh Sharma
27-05-2022
Reviewer


27-05-2022
PremKumar
[Authorized Signatory]

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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2205180628 Sample Reg. Date :18-05-2022 Report Date :27-05-2022 Report No. :ICE-2205271031 NABL ULR No. :TC592622000007772F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

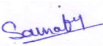
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	23.21
f.	Lead(As Pb),µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	1.5
h.	Ammonia(NH ₃),µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	29.11
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	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
27-05-2022
Reviewer


27-05-2022
PremKumar
[Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.
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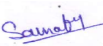
Test Report

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Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. : E01-2205180627 Sample Reg. Date : 18-05-2022 Report Date : 27-05-2022 Report No. : ICE-2205271030 NABL ULR No. : TC592622000007771F Customer Ref. No. : Order No.5030010814 Letter Dated : 29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Block C-3
Date of Monitoring	: 05-05-2022
Time of Monitoring	: 11:00 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.32
Volume of air sampled, m ³	: 1779.14
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(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	10.11
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	19.12
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	116.11
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	65.19


Saurabh Sharma
27-05-2022
Reviewer


27-05-2022
PremKumar
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2205180627 Sample Reg. Date :18-05-2022 Report Date :27-05-2022 Report No. :ICE-2205271030 NABL ULR No. :TC592622000007771F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

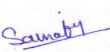
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	23.02
f.	Lead(As Pb),µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	1.3
h.	Ammonia(NH ₃),µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	28.04
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	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
27-05-2022
Reviewer


27-05-2022
PremKumar
[Authorized Signatory]

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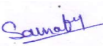
Test Report

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Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2205180629 Sample Reg. Date :18-05-2022 Report Date :27-05-2022 Report No. :ICE-2205271032 NABL ULR No. :TC592622000007773F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Village -Khanpur
Date of Monitoring	: 05-05-2022
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	: 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(SO ₂),µg/m ³	IS:5182(P-2)	80 Max	8.12
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS:5182(P-6)	80 Max	18.21
c.	Particulate Matter (PM ₁₀),µg/m ³	IS:5182(P-23)	100 Max	140.02
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW-01	60 Max	75.11


Saurabh Sharma
27-05-2022
Reviewer


27-05-2022
PremKumar
[Authorized Signatory]

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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2205180629 Sample Reg. Date :18-05-2022 Report Date :27-05-2022 Report No. :ICE-2205271032 NABL ULR No. :TC592622000007773F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

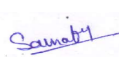
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	28.21
f.	Lead(As Pb),µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	BLQ (LOQ:1.0)
h.	Ammonia(NH ₃),µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	34.04
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	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
27-05-2022
Reviewer


27-05-2022
PremKumar
[Authorized Signatory]

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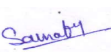
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2205180630 Sample Reg. Date :18-05-2022 Report Date :27-05-2022 Report No. :ICE-2205271045 NABL ULR No. :TC592622000007774F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Shakti Vihar
Date of Monitoring	: 05-05-2022
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	: 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(SO ₂),µg/m ³	IS:5182(P-2)	80 Max	10.11
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS:5182(P-6)	80 Max	13.18
c.	Particulate Matter (PM ₁₀),µg/m ³	IS:5182(P-23)	100 Max	101.18
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW-01	60 Max	46.19


Saurabh Sharma
27-05-2022
Reviewer


27-05-2022
PremKumar
[Authorized Signatory]

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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2205180630 Sample Reg. Date :18-05-2022 Report Date :27-05-2022 Report No. :ICE-2205271045 NABL ULR No. :TC592622000007774F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

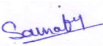
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	23.19
f.	Lead(As Pb),µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	BLQ (LOQ:1.0)
h.	Ammonia(NH ₃),µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	28.13
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	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
27-05-2022
Reviewer


27-05-2022
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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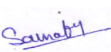
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2205180632 Sample Reg. Date :18-05-2022 Report Date :27-05-2022 Report No. :ICE-2205271037 NABL ULR No. :TC592622000007776F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Gate No-3
Date of Monitoring	: 09-05-2022
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	: 1798.42
Avg. Ambient Temperature,°C	: 36

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(SO ₂),µg/m ³	IS:5182(P-2)	80 Max	10.11
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS:5182(P-6)	80 Max	21.11
c.	Particulate Matter (PM ₁₀),µg/m ³	IS:5182(P-23)	100 Max	120.02
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW-01	60 Max	67.11


Saurabh Sharma
27-05-2022
Reviewer


27-05-2022
PremKumar
[Authorized Signatory]

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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2205180632 Sample Reg. Date :18-05-2022 Report Date :27-05-2022 Report No. :ICE-2205271037 NABL ULR No. :TC592622000007776F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

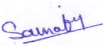
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	24.11
f.	Lead(As Pb),µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	1.5
h.	Ammonia(NH ₃),µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	30.21
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)-2017	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	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
27-05-2022
Reviewer


27-05-2022
PremKumar
[Authorized Signatory]

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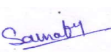
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2205180631 Sample Reg. Date :18-05-2022 Report Date :27-05-2022 Report No. :ICE-2205271036 NABL ULR No. :TC592622000007775F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Block C-3
Date of Monitoring	: 09-05-2022
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	: 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	10.11
b.	Nitrogen Dioxide(NO2),µg/m3	IS:5182(P-6)	80 Max	14.12
c.	Particulate Matter (PM10),µg/m3	IS:5182(P-23)	100 Max	103.09
d.	Particulate matter (PM 2.5),µg/m3	STP/ITC/EW-01	60 Max	55.11


Saurabh Sharma
27-05-2022
Reviewer


27-05-2022
PremKumar
[Authorized Signatory]

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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2205180631 Sample Reg. Date :18-05-2022 Report Date :27-05-2022 Report No. :ICE-2205271036 NABL ULR No. :TC592622000007775F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

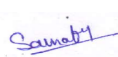
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	22.21
f.	Lead(As Pb),µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	1.4
h.	Ammonia(NH ₃),µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	24.11
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)-2017	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	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
27-05-2022
Reviewer


27-05-2022
PremKumar
[Authorized Signatory]

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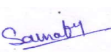
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2205180633 Sample Reg. Date :18-05-2022 Report Date :27-05-2022 Report No. :ICE-2205271043 NABL ULR No. :TC592622000007777F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Village -Khanpur
Date of Monitoring	: 09-05-2022
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	: 1790.68
Avg. Ambient Temperature,°C	: 35

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(SO ₂),µg/m ³	IS:5182(P-2)	80 Max	8.11
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS:5182(P-6)	80 Max	19.19
c.	Particulate Matter (PM ₁₀),µg/m ³	IS:5182(P-23)	100 Max	120.03
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW-01	60 Max	63.09


Saurabh Sharma
27-05-2022
Reviewer


27-05-2022
PremKumar
[Authorized Signatory]

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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2205180633 Sample Reg. Date :18-05-2022 Report Date :27-05-2022 Report No. :ICE-2205271043 NABL ULR No. :TC592622000007777F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

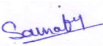
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	22.11
f.	Lead(As Pb),µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	1.6
h.	Ammonia(NH ₃),µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	34.21
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)-2017	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	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
27-05-2022
Reviewer


27-05-2022
PremKumar
[Authorized Signatory]

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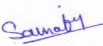
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2205180634 Sample Reg. Date :18-05-2022 Report Date :27-05-2022 Report No. :ICE-2205271038 NABL ULR No. :TC592622000007778F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Shakti Vihar
Date of Monitoring	: 09-05-2022
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	: 1786.85
Avg. Ambient Temperature,°C	: 38

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(SO ₂),µg/m ³	IS:5182(P-2)	80 Max	8.01
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS:5182(P-6)	80 Max	13.19
c.	Particulate Matter (PM ₁₀),µg/m ³	IS:5182(P-23)	100 Max	96.08
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW-01	60 Max	50.09


Saurabh Sharma
27-05-2022
Reviewer


27-05-2022
PremKumar
[Authorized Signatory]

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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2205180634 Sample Reg. Date :18-05-2022 Report Date :27-05-2022 Report No. :ICE-2205271038 NABL ULR No. :TC592622000007778F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

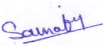
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	22.11
f.	Lead(As Pb),µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	BLQ (LOQ:1.0)
h.	Ammonia(NH ₃),µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	27.19
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)-2017	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	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
27-05-2022
Reviewer


27-05-2022
PremKumar
[Authorized Signatory]

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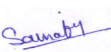
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2205180636 Sample Reg. Date :18-05-2022 Report Date :27-05-2022 Report No. :ICE-2205271040 NABL ULR No. :TC592622000007780F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Gate No-3
Date of Monitoring	: 12-05-2022
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	: 1779.14
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(SO ₂),µg/m ³	IS:5182(P-2)	80 Max	10.12
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS:5182(P-6)	80 Max	21.21
c.	Particulate Matter (PM ₁₀),µg/m ³	IS:5182(P-23)	100 Max	124.19
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW-01	60 Max	69.09


Saurabh Sharma
27-05-2022
Reviewer


27-05-2022
PremKumar
[Authorized Signatory]

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Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2205180636 Sample Reg. Date :18-05-2022 Report Date :27-05-2022 Report No. :ICE-2205271040 NABL ULR No. :TC592622000007780F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

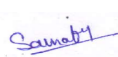
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	24.21
f.	Lead(As Pb),µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	1.2
h.	Ammonia(NH ₃),µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	32.11
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	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
27-05-2022
Reviewer


27-05-2022
PremKumar
[Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.
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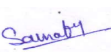
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2205180635 Sample Reg. Date :18-05-2022 Report Date :27-05-2022 Report No. :ICE-2205271039 NABL ULR No. :TC592622000007779F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Block C-6
Date of Monitoring	: 12-05-2022
Time of Monitoring	: 11:10 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.33
Volume of air sampled, m ³	: 1786.85
Avg. Ambient Temperature, °C	: 98.1

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(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	7.11
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	12.21
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	98.09
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	56.19


Saurabh Sharma
27-05-2022
Reviewer


27-05-2022
PremKumar
[Authorized Signatory]

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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2205180635 Sample Reg. Date :18-05-2022 Report Date :27-05-2022 Report No. :ICE-2205271039 NABL ULR No. :TC592622000007779F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

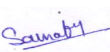
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	22.11
f.	Lead(As Pb),µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	1.3
h.	Ammonia(NH ₃),µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	25.29
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	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
27-05-2022
Reviewer


27-05-2022
PremKumar
[Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.
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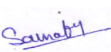
Test Report

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Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2205180637 Sample Reg. Date :18-05-2022 Report Date :27-05-2022 Report No. :ICE-2205271041 NABL ULR No. :TC592622000007781F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Village-Khanpur
Date of Monitoring	: 12-05-2022
Time of Monitoring	: 10:30
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	: 1786.85
Avg. Ambient Temperature,°C	: 38

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(SO ₂),µg/m ³	IS:5182(P-2)	80 Max	6.11
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS:5182(P-6)	80 Max	13.19
c.	Particulate Matter (PM ₁₀),µg/m ³	IS:5182(P-23)	100 Max	110.01
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW-01	60 Max	58.11


Saurabh Sharma
27-05-2022
Reviewer


27-05-2022
PremKumar
[Authorized Signatory]

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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2205180637 Sample Reg. Date :18-05-2022 Report Date :27-05-2022 Report No. :ICE-2205271041 NABL ULR No. :TC592622000007781F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

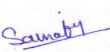
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	24.11
f.	Lead(As Pb),µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	1.4
h.	Ammonia(NH ₃),µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	26.21
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	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
27-05-2022
Reviewer


27-05-2022
PremKumar
[Authorized Signatory]

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2205180638 Sample Reg. Date :18-05-2022 Report Date :27-05-2022 Report No. :ICE-2205271042 NABL ULR No. :TC592622000007782F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Shakti Vihar
Date of Monitoring	: 12-05-2022
Time of Monitoring	: 11:40 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.33
Volume of air sampled, m ³	: 1786.85
Avg. Ambient Temperature, °C	: 38

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(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	6.11
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	10.12
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	88.11
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	46.11

Saurabh Sharma
27-05-2022
Reviewer

27-05-2022
PremKumar
[Authorized Signatory]

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2205180638 Sample Reg. Date :18-05-2022 Report Date :27-05-2022 Report No. :ICE-2205271042 NABL ULR No. :TC592622000007782F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

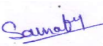
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	22.02
f.	Lead(As Pb),µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	BLQ (LOQ:1.0)
h.	Ammonia(NH ₃),µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	23.09
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)-2017	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	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
27-05-2022
Reviewer


27-05-2022
PremKumar
[Authorized Signatory]

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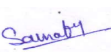
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2205260941 Sample Reg. Date :26-05-2022 Report Date :14-06-2022 Report No. :ICE-2206140545 NABL ULR No. :TC592622000008572F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Gate No-3
Date of Monitoring	: 16-03-2022
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	: 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(SO ₂),µg/m ³	IS:5182(P-2)	80 Max	12.96
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS:5182(P-6)	80 Max	22.30
c.	Particulate Matter (PM ₁₀),µg/m ³	IS:5182(P-23)	100 Max	98.25
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW-01	60 Max	68.60


Saurabh Sharma
14-06-2022
Reviewer


14-06-2022
PremKumar
[Authorized Signatory]

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2205260941 Sample Reg. Date :26-05-2022 Report Date :14-06-2022 Report No. :ICE-2206140545 NABL ULR No. :TC592622000008572F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

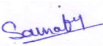
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	25.15
f.	Lead(As Pb),µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	1.4
h.	Ammonia(NH ₃),µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	30.24
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	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
14-06-2022
Reviewer


14-06-2022
PremKumar
[Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.
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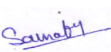
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Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. : E01-2205260940 Sample Reg. Date : 26-05-2022 Report Date : 14-06-2022 Report No. : ICE-2206140544 NABL ULR No. : TC592622000008563F Customer Ref. No. : Order No.5030010814 Letter Dated : 29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Block C-3
Date of Monitoring	: 16-05-2022
Time of Monitoring	: 11:10 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.32
Volume of air sampled, m ³	: 1759.98
Avg. Ambient Temperature, °C	: 38

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(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	8.12
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	16.16
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	108.98
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	55.13


Saurabh Sharma
14-06-2022
Reviewer


14-06-2022
PremKumar
[Authorized Signatory]

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2205260940 Sample Reg. Date :26-05-2022 Report Date :14-06-2022 Report No. :ICE-2206140544 NABL ULR No. :TC592622000008563F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

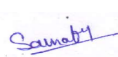
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	22.43
f.	Lead(As Pb),µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	1.2
h.	Ammonia(NH ₃),µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	27.31
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	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
14-06-2022
Reviewer


14-06-2022
PremKumar
[Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.
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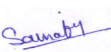
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2205260942 Sample Reg. Date :26-05-2022 Report Date :14-06-2022 Report No. :ICE-2206140547 NABL ULR No. :TC592622000008573F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Village -Khanpur
Date of Monitoring	: 16-05-2022
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	: 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(SO ₂),µg/m ³	IS:5182(P-2)	80 Max	15.39
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS:5182(P-6)	80 Max	19.83
c.	Particulate Matter (PM ₁₀),µg/m ³	IS:5182(P-23)	100 Max	137.12
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW-01	60 Max	70.29


Saurabh Sharma
14-06-2022
Reviewer


14-06-2022
PremKumar
[Authorized Signatory]

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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2205260942 Sample Reg. Date :26-05-2022 Report Date :14-06-2022 Report No. :ICE-2206140547 NABL ULR No. :TC592622000008573F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

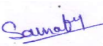
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	23.40
f.	Lead(As Pb),µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	1.5
h.	Ammonia(NH ₃),µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	29.22
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	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
14-06-2022
Reviewer


14-06-2022
PremKumar
[Authorized Signatory]

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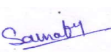
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. : E01-2205260943 Sample Reg. Date : 26-05-2022 Report Date : 14-06-2022 Report No. : ICE-2206140548 NABL ULR No. : TC592622000008574F Customer Ref. No. : Order No.5030010814 Letter Dated : 29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Shakti Vihar
Date of Monitoring	: 16-05-2022
Time of Monitoring	: 11:30 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.33
Volume of air sampled, m ³	: 1786.85
Avg. Ambient Temperature, °C	: 38

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(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	6.40
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	10.17
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	97.55
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	50.08


Saurabh Sharma
14-06-2022
Reviewer


14-06-2022
PremKumar
[Authorized Signatory]

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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2205260943 Sample Reg. Date :26-05-2022 Report Date :14-06-2022 Report No. :ICE-2206140548 NABL ULR No. :TC592622000008574F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

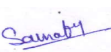
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	21.05
f.	Lead(As Pb),µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	BLQ (LOQ:1.0)
h.	Ammonia(NH ₃),µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	24.57
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	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
14-06-2022
Reviewer


14-06-2022
PremKumar
[Authorized Signatory]

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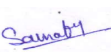
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. : E01-2205260945 Sample Reg. Date : 26-05-2022 Report Date : 14-06-2022 Report No. : ICE-2206140549 NABL ULR No. : TC592622000008576F Customer Ref. No. : Order No.5030010814 Letter Dated : 29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Gate No-3
Date of Monitoring	: 19-05-2022
Time of Monitoring	: 11:00 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.31
Volume of air sampled, m ³	: 1765.66
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(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	12.15
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	19.21
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	120.13
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	58.08


Saurabh Sharma
14-06-2022
Reviewer


14-06-2022
PremKumar
[Authorized Signatory]

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Test Report

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Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2205260945 Sample Reg. Date :26-05-2022 Report Date :14-06-2022 Report No. :ICE-2206140549 NABL ULR No. :TC592622000008576F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

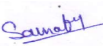
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	23.13
f.	Lead(As Pb),µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	1.3
h.	Ammonia(NH ₃),µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	29.40
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	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
14-06-2022
Reviewer


14-06-2022
PremKumar
[Authorized Signatory]

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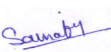
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2205260944 Sample Reg. Date :26-05-2022 Report Date :14-06-2022 Report No. :ICE-2206140546 NABL ULR No. :TC592622000008575F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Block C-6
Date of Monitoring	: 19-05-2022
Time of Monitoring	: 11:40 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.31
Volume of air sampled,m3	: 1759.98
Avg. Ambient Temperature,°C	: 38

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(SO ₂),µg/m ³	IS:5182(P-2)	80 Max	8.12
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS:5182(P-6)	80 Max	14.30
c.	Particulate Matter (PM ₁₀),µg/m ³	IS:5182(P-23)	100 Max	98.25
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW-01	60 Max	53.45


Saurabh Sharma
14-06-2022
Reviewer


14-06-2022
PremKumar
[Authorized Signatory]

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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2205260944 Sample Reg. Date :26-05-2022 Report Date :14-06-2022 Report No. :ICE-2206140546 NABL ULR No. :TC592622000008575F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

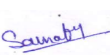
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	22.26
f.	Lead(As Pb),µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	1.4
h.	Ammonia(NH ₃),µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	25.13
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	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
14-06-2022
Reviewer


14-06-2022
PremKumar
[Authorized Signatory]

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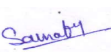
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2205260946 Sample Reg. Date :26-05-2022 Report Date :14-06-2022 Report No. :ICE-2206140550 NABL ULR No. :TC592622000008577F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Village -Khanpur
Date of Monitoring	: 19-05-2022
Time of Monitoring	: 10:40 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.31
Volume of air sampled,m3	: 1771.37
Avg. Ambient Temperature,°C	: 36

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(SO ₂),µg/m ³	IS:5182(P-2)	80 Max	10.49
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS:5182(P-6)	80 Max	22.85
c.	Particulate Matter (PM ₁₀),µg/m ³	IS:5182(P-23)	100 Max	120.13
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW-01	60 Max	67.34


Saurabh Sharma
14-06-2022
Reviewer


14-06-2022
PremKumar
[Authorized Signatory]

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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2205260946 Sample Reg. Date :26-05-2022 Report Date :14-06-2022 Report No. :ICE-2206140550 NABL ULR No. :TC592622000008577F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

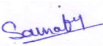
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	21.12
f.	Lead(As Pb),µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	1.5
h.	Ammonia(NH ₃),µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	25.21
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	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
14-06-2022
Reviewer


14-06-2022
PremKumar
[Authorized Signatory]

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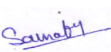
Test Report

Document QF : 2501
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2205260947 Sample Reg. Date :26-05-2022 Report Date :14-06-2022 Report No. :ICE-2206140551 NABL ULR No. :TC592622000008578F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Shakti Vihar
Date of Monitoring	: 19-05-2022
Time of Monitoring	: 11:50 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.32
Volume of air sampled,m3	: 1779.14
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(SO ₂),µg/m ³	IS:5182(P-2)	80 Max	7.29
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS:5182(P-6)	80 Max	10.53
c.	Particulate Matter (PM ₁₀),µg/m ³	IS:5182(P-23)	100 Max	96.45
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW-01	60 Max	51.35


Saurabh Sharma
14-06-2022
Reviewer


14-06-2022
PremKumar
[Authorized Signatory]

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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2205260947 Sample Reg. Date :26-05-2022 Report Date :14-06-2022 Report No. :ICE-2206140551 NABL ULR No. :TC592622000008578F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

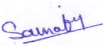
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	23.24
f.	Lead(As Pb),µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	BLQ (LOQ:1.0)
h.	Ammonia(NH ₃),µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	25.23
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	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
14-06-2022
Reviewer


14-06-2022
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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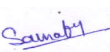
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. : E01-2205270961 Sample Reg. Date : 27-05-2022 Report Date : 14-06-2022 Report No. : ICE-2206140541 NABL ULR No. : TC592622000008560F Customer Ref. No. : Order No.5030010814 Letter Dated : 29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Gate No-3
Date of Monitoring	: 23-05-2022
Time of Monitoring	: 10:55 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.33
Volume of air sampled, m ³	: 1804.25
Avg. Ambient Temperature, °C	: 35

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(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	12.05
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	16.30
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	116.23
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	50.08


Saurabh Sharma
14-06-2022
Reviewer


14-06-2022
Prem Kumar
[Authorized Signatory]

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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2205270961 Sample Reg. Date :27-05-2022 Report Date :14-06-2022 Report No. :ICE-2206140541 NABL ULR No. :TC592622000008560F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

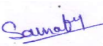
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	24.23
f.	Lead(As Pb),µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	1.5
h.	Ammonia(NH ₃),µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	26.37
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	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
14-06-2022
Reviewer


14-06-2022
PremKumar
[Authorized Signatory]

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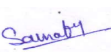
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. : E01-2205270960 Sample Reg. Date : 27-05-2022 Report Date : 14-06-2022 Report No. : ICE-2206140540 NABL ULR No. : TC592622000008556F Customer Ref. No. : Order No.5030010814 Letter Dated : 29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Block C-3
Date of Monitoring	: 23-05-2022
Time of Monitoring	: 11:10 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.33
Volume of air sampled, m ³	: 1798.42
Avg. Ambient Temperature, °C	: 36

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(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	8.27
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	10.10
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	97.20
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	53.45


Saurabh Sharma
14-06-2022
Reviewer


14-06-2022
PremKumar
[Authorized Signatory]

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Test Report

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Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2205270960 Sample Reg. Date :27-05-2022 Report Date :14-06-2022 Report No. :ICE-2206140540 NABL ULR No. :TC592622000008556F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

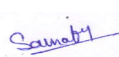
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	22.54
f.	Lead(As Pb),µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	1.4
h.	Ammonia(NH ₃),µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ(LOQ:20)
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	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
14-06-2022
Reviewer


14-06-2022
PremKumar
[Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.
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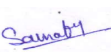
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. : E01-2205270962 Sample Reg. Date : 27-05-2022 Report Date : 14-06-2022 Report No. : ICE-2206140542 NABL ULR No. : TC592622000008561F Customer Ref. No. : Order No.5030010814 Letter Dated : 29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Village- Khanpur
Date of Monitoring	: 23-05-2022
Time of Monitoring	: 10:40 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.32
Volume of air sampled, m ³	: 1790.69
Avg. Ambient Temperature, °C	: 35

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(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	15.29
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	19.70
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	134.14
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	76.18


Saurabh Sharma
14-06-2022
Reviewer


14-06-2022
PremKumar
[Authorized Signatory]

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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2205270962 Sample Reg. Date :27-05-2022 Report Date :14-06-2022 Report No. :ICE-2206140542 NABL ULR No. :TC592622000008561F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

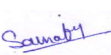
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	28.23
f.	Lead(As Pb),µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	1.5
h.	Ammonia(NH ₃),µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	35.44
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	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
14-06-2022
Reviewer


14-06-2022
PremKumar
[Authorized Signatory]

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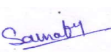
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. : E01-2205270963 Sample Reg. Date : 27-05-2022 Report Date : 14-06-2022 Report No. : ICE-2206140543 NABL ULR No. : TC592622000008562F Customer Ref. No. : Order No.5030010814 Letter Dated : 29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Shakti Vihar
Date of Monitoring	: 23-05-2022
Time of Monitoring	: 11:30 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.33
Volume of air sampled, m ³	: 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(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	7.29
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	9.91
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	103.26
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	51.35


Saurabh Sharma
14-06-2022
Reviewer


14-06-2022
PremKumar
[Authorized Signatory]

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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2205270963 Sample Reg. Date :27-05-2022 Report Date :14-06-2022 Report No. :ICE-2206140543 NABL ULR No. :TC592622000008562F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

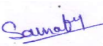
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	22.23
f.	Lead(As Pb),µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	BLQ (LOQ:1.0)
h.	Ammonia(NH ₃),µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ(LOQ:20)
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	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
14-06-2022
Reviewer


14-06-2022
PremKumar
[Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.
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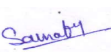
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2205280995 Sample Reg. Date :28-05-2022 Report Date :13-06-2022 Report No. :ICE-2206130415 NABL ULR No. :TC592622000008515F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Gate No-3
Date of Monitoring	: 26-05-2022
Time of Monitoring	: 10:15 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	: 1804.25
Avg. Ambient Temperature,°C	: 35

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(SO ₂),µg/m ³	IS:5182(P-2)	80 Max	6.34
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS:5182(P-6)	80 Max	17.26
c.	Particulate Matter (PM ₁₀),µg/m ³	IS:5182(P-23)	100 Max	103.26
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW-01	60 Max	55.13


Saurabh Sharma
13-06-2022
Reviewer


13-06-2022
PremKumar
[Authorized Signatory]

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Test Report

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2205280995 Sample Reg. Date :28-05-2022 Report Date :13-06-2022 Report No. :ICE-2206130415 NABL ULR No. :TC592622000008515F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

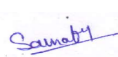
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	21.34
f.	Lead(As Pb),µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	1.2
h.	Ammonia(NH ₃),µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	24.38
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ(LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	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
13-06-2022
Reviewer


13-06-2022
PremKumar
[Authorized Signatory]

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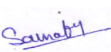
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. : E01-2205280994 Sample Reg. Date : 28-05-2022 Report Date : 13-06-2022 Report No. : ICE-2206130414 NABL ULR No. : TC592622000008513F Customer Ref. No. : Order No.5030010814 Letter Dated : 29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Block C 6
Date of Monitoring	: 26-05-2022
Time of Monitoring	: 11:10 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.33
Volume of air sampled, m ³	: 1786.85
Avg. Ambient Temperature, °C	: 38

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(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	7.04
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	10.17
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	97.38
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	51.35


Saurabh Sharma
13-06-2022
Reviewer


13-06-2022
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2205280994 Sample Reg. Date :28-05-2022 Report Date :13-06-2022 Report No. :ICE-2206130414 NABL ULR No. :TC592622000008513F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

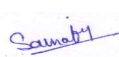
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	22.34
f.	Lead(As Pb),µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	1.1
h.	Ammonia(NH ₃),µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	15.38
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ(LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	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
13-06-2022
Reviewer


13-06-2022
PremKumar
[Authorized Signatory]

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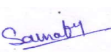
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2205280996 Sample Reg. Date :28-05-2022 Report Date :13-06-2022 Report No. :ICE-2206130416 NABL ULR No. :TC592622000008522F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Village-Khanpur
Date of Monitoring	: 26-05-2022
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	: 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	12.13
b.	Nitrogen Dioxide(NO2),µg/m3	IS:5182(P-6)	80 Max	17.37
c.	Particulate Matter (PM ₁₀),µg/m3	IS:5182(P-23)	100 Max	110.23
d.	Particulate matter (PM _{2.5}),µg/m3	STP/ITC/EW-01	60 Max	55.56


Saurabh Sharma
13-06-2022
Reviewer


13-06-2022
PremKumar
[Authorized Signatory]

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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2205280996 Sample Reg. Date :28-05-2022 Report Date :13-06-2022 Report No. :ICE-2206130416 NABL ULR No. :TC592622000008522F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

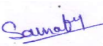
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	22.36
f.	Lead(As Pb),µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	1.1
h.	Ammonia(NH ₃),µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	29.25
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)-2017	5 Max	BLQ(LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	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
13-06-2022
Reviewer


13-06-2022
PremKumar
[Authorized Signatory]

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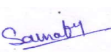
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. : E01-2205280997 Sample Reg. Date : 28-05-2022 Report Date : 13-06-2022 Report No. : ICE-2206130417 NABL ULR No. : TC592622000008845F Customer Ref. No. : Order No.5030010814 Letter Dated : 29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Shakti Vihar
Date of Monitoring	: 26-05-2022
Time of Monitoring	: 11:40 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.33
Volume of air sampled, m ³	: 1781.12
Avg. Ambient Temperature, °C	: 39

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(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	10.28
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	12.14
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	87.36
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	42.51


Saurabh Sharma
13-06-2022
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2205280997 Sample Reg. Date :28-05-2022 Report Date :13-06-2022 Report No. :ICE-2206130417 NABL ULR No. :TC592622000008845F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

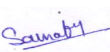
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	22.56
f.	Lead(As Pb),µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	BLQ(LOQ:1.0)
h.	Ammonia(NH ₃),µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	14.24
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)-2017	5 Max	BLQ(LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	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
13-06-2022
Reviewer


13-06-2022
PremKumar
[Authorized Signatory]

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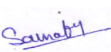
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2206010011 Sample Reg. Date :01-06-2022 Report Date :13-06-2022 Report No. :ICE-2206130432 NABL ULR No. :TC592622000008473F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Gate No-3
Date of Monitoring	: 30-05-2022
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	: 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(SO ₂),µg/m ³	IS:5182(P-2)	80 Max	8.10
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS:5182(P-6)	80 Max	14.25
c.	Particulate Matter (PM ₁₀),µg/m ³	IS:5182(P-23)	100 Max	103.26
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW-01	60 Max	55.56


Saurabh Sharma
13-06-2022
Reviewer


13-06-2022
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Page 2 of 2

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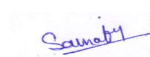
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	22.33
f.	Lead(As Pb),µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	1.1
h.	Ammonia(NH ₃),µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	28.49
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ(LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	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
13-06-2022
Reviewer


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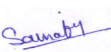
Test Report

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Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2206010010 Sample Reg. Date :01-06-2022 Report Date :13-06-2022 Report No. :ICE-2206130431 NABL ULR No. :TC592622000008475F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Block C-3
Date of Monitoring	: 30-05-2022
Time of Monitoring	: 11:20 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.33
Volume of air sampled, m ³	: 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(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	10.53
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	13.63
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	94.33
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	48.40


Saurabh Sharma
13-06-2022
Reviewer


13-06-2022
PremKumar
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Document QF : 2501
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2206010010 Sample Reg. Date :01-06-2022 Report Date :13-06-2022 Report No. :ICE-2206130431 NABL ULR No. :TC592622000008475F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

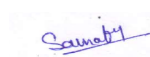
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	21.35
f.	Lead(As Pb),µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	BLQ(LOQ:1.0)
h.	Ammonia(NH ₃),µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	22.15
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ(LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	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
13-06-2022
Reviewer


13-06-2022
PremKumar
[Authorized Signatory]

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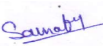
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2206010012 Sample Reg. Date :01-06-2022 Report Date :13-06-2022 Report No. :ICE-2206130433 NABL ULR No. :TC592622000008471F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Village -Khanpur
Date of Monitoring	: 30-05-2022
Time of Monitoring	: 10:30 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.32
Volume of air sampled,m3	: 1779.14
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	10.53
b.	Nitrogen Dioxide(NO2),µg/m3	IS:5182(P-6)	80 Max	16.11
c.	Particulate Matter (PM10),µg/m3	IS:5182(P-23)	100 Max	98.25
d.	Particulate matter (PM 2.5),µg/m3	STP/ITC/EW-01	60 Max	51.35


Saurabh Sharma
13-06-2022
Reviewer


13-06-2022
PremKumar
[Authorized Signatory]

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Test Report

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Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2206010012 Sample Reg. Date :01-06-2022 Report Date :13-06-2022 Report No. :ICE-2206130433 NABL ULR No. :TC592622000008471F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

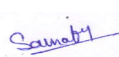
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	23.34
f.	Lead(As Pb),µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	1.2
h.	Ammonia(NH ₃),µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	27.41
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)-2017	5 Max	BLQ(LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	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
13-06-2022
Reviewer


13-06-2022
PremKumar
[Authorized Signatory]

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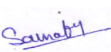
Test Report

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Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2206010013 Sample Reg. Date :01-06-2022 Report Date :13-06-2022 Report No. :ICE-2206130434 NABL ULR No. :TC592622000008469F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Shakti Vihar
Date of Monitoring	: 30-05-2022
Time of Monitoring	: 11:50 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.33
Volume of air sampled, m ³	: 1786.85
Avg. Ambient Temperature, °C	: 38

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(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	7.31
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	12.43
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	85.12
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	45.45


Saurabh Sharma
13-06-2022
Reviewer


13-06-2022
PremKumar
[Authorized Signatory]

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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2206010013 Sample Reg. Date :01-06-2022 Report Date :13-06-2022 Report No. :ICE-2206130434 NABL ULR No. :TC592622000008469F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

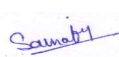
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	22.13
f.	Lead(As Pb),µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	BLQ(LOQ:1.0)
h.	Ammonia(NH ₃),µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	25.37
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)-2017	5 Max	BLQ(LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	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
13-06-2022
Reviewer


13-06-2022
PremKumar
[Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)
Panchkula-134109 (Haryana)
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Page 1 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2205090257 Sample Reg. Date :09-05-2022 Report Date :12-05-2022 Report No. :ICE-2205120506 NABL ULR No. :TC592622000007249F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: EPA Act 1986/PCLS/2010
General Information :	
Date of Monitoring	: 06-05-2022
Time of Monitoring	: 14:20 to 14:47 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 & 396 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)	: 27
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 :	

Saurabh Sharma
Saurabh Sharma
12-05-2022
Reviewer

PremKumar
12-05-2022
PremKumar
[Authorized Signatory]

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Test Report

Document QF : 2501
Page 2 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2205090257
	Sample Reg. Date :09-05-2022
	Report Date :12-05-2022
	Report No. :ICE-2205120506
	NABL ULR No. :TC592622000007249F
	Customer Ref. No. :Order No.5030010814
	Letter Dated :29.10.2020

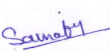
Flue Gas Temperature, °C,Avg.	: 54
Flue Gas Velocity(m/s),Avg.	: 21.12
Volumetric Flow Rate(Nm ³ /hr.)	: 2517917.61
Ambient Air Temperature, °C	: 37

S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	General Parameters			
a.	Particulate Matter, mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-1)	Max. 50	27.37
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-2)	Max. 200	133.30
c.	Oxides of Nitrogen (NO _x), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-7)	Max. 450	178.03
d.	Mercury(As Hg),mg/Nm ³	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 06.05.2022, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A


Saurabh Sharma
12-05-2022
Reviewer


12-05-2022
PremKumar
[Authorized Signatory]

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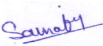
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Test Report

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Page 3 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2205090257 Sample Reg. Date :09-05-2022 Report Date :12-05-2022 Report No. :ICE-2205120506 NABL ULR No. :TC592622000007249F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

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


Saurabh Sharma
12-05-2022
Reviewer


12-05-2022
PremKumar
[Authorized Signatory]

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2205090258 Sample Reg. Date :09-05-2022 Report Date :12-05-2022 Report No. :ICE-2205120544 NABL ULR No. :TC592622000007247F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: EPA Act 1986/PCLS/2010
General Information :	
Date of Monitoring	: 06-05-2022
Time of Monitoring	: 15:25 to 15:52 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-2 (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)	: 27
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 :	

Saurabh Sharma
Saurabh Sharma
12-05-2022
Reviewer

PremKumar
12-05-2022
PremKumar
[Authorized Signatory]

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Page 2 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2205090258 Sample Reg. Date :09-05-2022 Report Date :12-05-2022 Report No. :ICE-2205120544 NABL ULR No. :TC592622000007247F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Flue Gas Temperature, °C,Avg.	: 55
Flue Gas Velocity(m/s),Avg.	: 21.61
Volumetric Flow Rate(Nm ³ /hr.)	: 2568480.52
Ambient Air Temperature, °C	: 37

S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	General Parameters			
a.	Particulate Matter, mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-1)	Max. 50	25.24
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-2)	Max. 200	170.03
c.	Oxides of Nitrogen (NO _x), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-7)	Max. 450	200.56
d.	Mercury(As Hg),mg/Nm ³	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 06.05.2022, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A


Saurabh Sharma
12-05-2022
Reviewer


12-05-2022
PremKumar
[Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.
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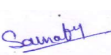
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*****End Of Report*****


Saurabh Sharma
12-05-2022
Reviewer


12-05-2022
PremKumar
[Authorized Signatory]

Disclaimer :

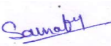
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Test Report

Document QF : 2501
Page 1 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2205160559 Sample Reg. Date :16-05-2022 Report Date :25-05-2022 Report No. :ICE-2205250946 NABL ULR No. :TC592622000007654F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: EPA Act 1986/PCLS/2010
General Information :	
Date of Monitoring	: 14-05-2022
Time of Monitoring	: 11:40 to 12:03 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 & 400 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
Observations :	


Saurabh Sharma
25-05-2022
Reviewer


25-05-2022
PremKumar
[Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.

86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)
Panchkula-134109 (Haryana)
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Page 2 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2205160559 Sample Reg. Date :16-05-2022 Report Date :25-05-2022 Report No. :ICE-2205250946 NABL ULR No. :TC592622000007654F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Flue Gas Temperature, °C,Avg.	: 55
Flue Gas Velocity(m/s),Avg.	: 25.44
Volumetric Flow Rate(Nm ³ /hr.)	: 3099502.47
Ambient Air Temperature, °C	: 44

S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	General Parameters			
a.	Particulate Matter, mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-1)	Max. 50	30.21
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-2)	Max. 200	168.10
c.	Oxides of Nitrogen (NO _x), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-7)	Max. 450	307.74
d.	Mercury(As Hg),mg/Nm ³	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 14.05.2022, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A

Saurabh Sharma
Saurabh Sharma
25-05-2022
Reviewer

PremKumar
25-05-2022
PremKumar
[Authorized Signatory]

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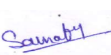
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Page 3 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2205160559 Sample Reg. Date :16-05-2022 Report Date :25-05-2022 Report No. :ICE-2205250946 NABL ULR No. :TC592622000007654F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

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


Saurabh Sharma
25-05-2022
Reviewer


25-05-2022
PremKumar
[Authorized Signatory]

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Page 1 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2205160561 Sample Reg. Date :16-05-2022 Report Date :25-05-2022 Report No. :ICE-2205250948 NABL ULR No. :TC592622000007656F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: EPA Act 1986/PCLS/2010
General Information :	
Date of Monitoring	: 14-05-2022
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	: 620 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-2 (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
Observations :	

Saurabh Sharma
Saurabh Sharma
25-05-2022
Reviewer

PremKumar
25-05-2022
PremKumar
[Authorized Signatory]

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2205160561 Sample Reg. Date :16-05-2022 Report Date :25-05-2022 Report No. :ICE-2205250948 NABL ULR No. :TC592622000007656F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Flue Gas Temperature, °C,Avg.	: 53
Flue Gas Velocity(m/s),Avg.	: 24.58
Volumetric Flow Rate(Nm ³ /hr.)	: 3013096.23
Ambient Air Temperature, °C	: 44

S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	General Parameters			
a.	Particulate Matter, mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-1)	Max. 50	28.19
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-2)	Max. 200	135.13
c.	Oxides of Nitrogen (NO _x), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-7)	Max. 450	213.07
d.	Mercury(As Hg),mg/Nm ³	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 14.05.2022, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A


Saurabh Sharma
25-05-2022
Reviewer


25-05-2022
PremKumar
[Authorized Signatory]

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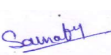
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Page 3 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2205160561 Sample Reg. Date :16-05-2022 Report Date :25-05-2022 Report No. :ICE-2205250948 NABL ULR No. :TC592622000007656F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

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


Saurabh Sharma
25-05-2022
Reviewer


25-05-2022
PremKumar
[Authorized Signatory]

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2205240830
	Sample Reg. Date :24-05-2022
	Report Date :13-06-2022
	Report No. :ICE-2206130481
	NABL ULR No. :TC592622000008546F
	Customer Ref. No. :Order No.5030010814
	Letter Dated :29.10.2020

Test Report as per :	: EPA Act 1986/PCLS/2010
General Information :	
Date of Monitoring	: 21-05-2022
Time of Monitoring	: 10:50 hrs to 11:12 hrs
Name of the emission source monitored	: Stack Emission of Boiler
(a) Rated Capacity	: 660 MW
(b) Capacity on sampling day	: 640 MW
(c) Type of fuel used & its consumption	: Coal & 415 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
Observations :	

Saurabh Sharma
13-06-2022
Reviewer

13-06-2022
PremKumar
[Authorized Signatory]

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Test Report

Document QF : 2501
Page 2 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2205240830
	Sample Reg. Date :24-05-2022
	Report Date :13-06-2022
	Report No. :ICE-2206130481
	NABL ULR No. :TC592622000008546F
	Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

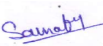
Flue Gas Temperature, °C,Avg.	: 55
Flue Gas Velocity(m/s),Avg.	: 26.44
Volumetric Flow Rate(Nm ³ /hr.)	: 3168816.44
Ambient Air Temperature, °C	: 40

S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	General Parameters			
a.	Particulate Matter, mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-1)	Max. 50	24.92
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-2)	Max. 200	176.80
c.	Oxides of Nitrogen (NO _x), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-7)	Max. 450	176.80
d.	Mercury(As Hg),mg/Nm ³	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 21.05.2022, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A


 Saurabh Sharma
 13-06-2022
 Reviewer


 13-06-2022
 PremKumar
 [Authorized Signatory]

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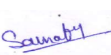
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2205240830 Sample Reg. Date :24-05-2022 Report Date :13-06-2022 Report No. :ICE-2206130481 NABL ULR No. :TC592622000008546F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

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


Saurabh Sharma
13-06-2022
Reviewer


13-06-2022
PremKumar
[Authorized Signatory]

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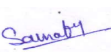
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2205240831 Sample Reg. Date :24-05-2022 Report Date :13-06-2022 Report No. :ICE-2206130487 NABL ULR No. :TC592622000008547F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: EPA Act 1986/PCLS/2010
General Information :	
Date of Monitoring	: 21-05-222
Time of Monitoring	: 11:20 hrs to 11:44 hrs
Name of the emission source monitored	: Stack Emission of Boiler
(a) Rated Capacity	: 660 MW
(b) Capacity on sampling day	: 650 MW
(c) Type of fuel used & its consumption	: Coal & 390 ton/hrs
(d) Normal operating schedule	: 24 hrs
2. Stack Identification	: Stack attached to Boiler, Unit-2 (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 :	


Saurabh Sharma
13-06-2022
Reviewer


13-06-2022
PremKumar
[Authorized Signatory]

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2205240831 Sample Reg. Date :24-05-2022 Report Date :13-06-2022 Report No. :ICE-2206130487 NABL ULR No. :TC592622000008547F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

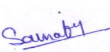
Flue Gas Temperature, °C,Avg.	: 53
Flue Gas Velocity(m/s),Avg.	: 23.64
Volumetric Flow Rate(Nm ³ /hr.)	: 2850620.13
Ambient Air Temperature, °C	: 41

S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	General Parameters			
a.	Particulate Matter, mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-1)	Max. 50	28.16
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-2)	Max. 200	168.24
c.	Oxides of Nitrogen (NO _x), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-7)	Max. 450	215.39
d.	Mercury(As Hg),mg/Nm ³	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 : 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 21.05.2022, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A


Saurabh Sharma
13-06-2022
Reviewer


13-06-2022
PremKumar
[Authorized Signatory]

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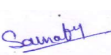
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Test Report

Document QF : 2501
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2205240831 Sample Reg. Date :24-05-2022 Report Date :13-06-2022 Report No. :ICE-2206130487 NABL ULR No. :TC592622000008547F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

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


Saurabh Sharma
13-06-2022
Reviewer


13-06-2022
PremKumar
[Authorized Signatory]

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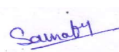
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Page 1 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2205270959 Sample Reg. Date :27-05-2022 Report Date :13-06-2022 Report No. :ICE-2206130475 NABL ULR No. :TC592622000008531F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: EPA Act 1986/PCLS/2010
General Information :	
Date of Monitoring	: 26-05-2022
Time of Monitoring	: 14:50 to 15:11 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 & 385 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
Observations :	


Saurabh Sharma
13-06-2022
Reviewer


13-06-2022
PremKumar
[Authorized Signatory]

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Test Report

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Page 2 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2205270959
	Sample Reg. Date :27-05-2022
	Report Date :13-06-2022
	Report No. :ICE-2206130475
	NABL ULR No. :TC592622000008531F
	Customer Ref. No.: Order No.5030010814
	Letter Dated :29.10.2020

Flue Gas Temperature, °C,Avg.	: 56
Flue Gas Velocity(m/s),Avg.	: 27.25
Volumetric Flow Rate(Nm ³ /hr.)	: 3282950.83
Ambient Air Temperature, °C	: 41

S.No.	Parameters	Instrument	Method	Specification	Result
	Discipline : Chemical				
	Group : Atmospheric Pollution				
1.	General Parameters				
a.	Particulate Matter, mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	Gravimetric	IS:11255(P-1)	Max. 50	27.20
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	Titration	IS:11255(P-2)	Max. 200	150.17
c.	Oxides of Nitrogen (NO _x), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	UV-Spectrophotometer	IS:11255(P-7)	Max. 450	243.03
d.	Mercury(As Hg),mg/Nm ³	ICPOES	USEPA Method	Max. 0.03	BLQ(LOQ:0.01)
e.	Carbon Monoxide(CO),% v/v	Orsat Apparatus	IS:13270	Max. 1.0	0.2
f.	Moisture, % by mass	Gravimetric	IS: 11255 (P-3)	Not Specified	4.7

'#' 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 dated 26.05.2022, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A

Saurabh Sharma
Saurabh Sharma
13-06-2022
Reviewer

PremKumar
13-06-2022
PremKumar
[Authorized Signatory]

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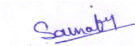
Test Report

Document QF : 2501

Page 3 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2205270959 Sample Reg. Date :27-05-2022 Report Date :13-06-2022 Report No. :ICE-2206130475 NABL ULR No. :TC592622000008531F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

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


Saurabh Sharma
13-06-2022
Reviewer


13-06-2022
PremKumar
[Authorized Signatory]

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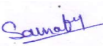
Page 1 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2205160535 Sample Reg. Date :16-05-2022 Report Date :25-05-2022 Report No. :ICE-2205250940 NABL ULR No. :TC592622000007649F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

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

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	16-05-2022
n)	Date of Start	16-05-2022
o)	Date of Completion	25-05-2022
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample collected by lab rep. on 14.05.2022


Saurabh Sharma
25-05-2022
Reviewer


25-05-2022
PremKumar
[Authorized Signatory]

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Test Report

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Page 2 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2205160535 Sample Reg. Date :16-05-2022 Report Date :25-05-2022 Report No. :ICE-2205250940 NABL ULR No. :TC592622000007649F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

s)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
t)	Manufactured By [#]	NA
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
Discipline : Chemical				
Group : Atmospheric Pollution				
1. General Parameters				
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)		8.05
d.	Total Suspended Solids,(mg/L)	IS:3025(Part 17)		74
e.	Total Dissolved Solids (mg/L)	IS:3025(Part 16):1984(RA.2006)	-	1020


Saurabh Sharma
25-05-2022
Reviewer


25-05-2022
PremKumar
[Authorized Signatory]

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Test Report

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Page 3 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2205160535 Sample Reg. Date :16-05-2022 Report Date :25-05-2022 Report No. :ICE-2205250940 NABL ULR No. :TC592622000007649F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

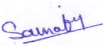
f.	Chemical Oxygen Demand(mg/L)	IS: 3025(Part-58)	169
g.	Bio-chemical Oxygen Demand, mg/L (3 days at 27°C)	IS:3025(P-44)	72
h.	Oil & Grease(mg/L)	IS:3025(P-39)	<4.0
i.	Zinc(As Zn)(mg/L)	IS: 3025 (P-2)	BLQ(LOQ:0.05)
j.	Arsenic(as As)(mg/L)	IS: 3025 (P-2)	BLQ(LOQ:0.05)
k.	Total Chromium as Cr (mg/L)	IS: 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:0.003)

'#' 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
25-05-2022
Reviewer


25-05-2022
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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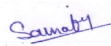
Page 1 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2205160537 Sample Reg. Date :16-05-2022 Report Date :28-05-2022 Report No. :ICE-2205281102 NABL ULR No. :TC592622000007857F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

Test Report as per IS: EPA Act 1986/PCLS/2010	With Amendment No.(s):

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	16-05-2022
n)	Date of Start	16-05-2022
o)	Date of Completion	28-05-2022
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample collected by lab rep. on 14.05.2022


Saurabh Sharma
28-05-2022
Reviewer


28-05-2022
PremKumar
[Authorized Signatory]

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Test Report

Document QF : 2501

Page 2 of 3

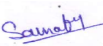
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2205160537 Sample Reg. Date :16-05-2022 Report Date :28-05-2022 Report No. :ICE-2205281102 NABL ULR No. :TC592622000007857F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

s)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
t)	Manufactured By [#]	NA
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
Discipline : Chemical				
Group : Pollution & Environment				
1. General Parameters				
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	8.46
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)	Max. 2100--	635


Saurabh Sharma
28-05-2022
Reviewer


28-05-2022
PremKumar
[Authorized Signatory]

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Test Report

Document QF : 2501

Page 3 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2205160537 Sample Reg. Date :16-05-2022 Report Date :28-05-2022 Report No. :ICE-2205281102 NABL ULR No. :TC592622000007857F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

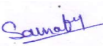
f.	Chemical Oxygen Demand(mg/L)	IS: 3025(Part-58)	Max. 250	27
g.	Bio-chemical Oxygen Demand, mg/L (3 days at 27°C)	IS:3025(P-44)	Max. 30	8
h.	Oil & Grease(mg/L)	IS:3025(P-39)	Max. 10	<4.0
i.	Zinc(As Zn)(mg/L)	IS: 3025 (P-2)	Max. 5.0	BLQ(LOQ:0.05)
j.	Arsenic(as As)(mg/L)	IS: 3025 (P-2)	Max. 0.2	BLQ(LOQ:0.05)
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)		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	Max. 5.0	0.6

'#' 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
 28-05-2022
 Reviewer


 28-05-2022
 PremKumar
 [Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.
 86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)
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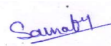
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2205160539 Sample Reg. Date :16-05-2022 Report Date :25-05-2022 Report No. :ICE-2205250942 NABL ULR No. :TC592622000007650F Customer Ref. No.: Order No.5030010814 Letter Dated :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	16-05-2022
n)	Date of Start	16-05-2022
o)	Date of Completion	25-05-2022
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample collected by lab rep. on 14.05.2022


 Saurabh Sharma
 25-05-2022
 Reviewer


 25-05-2022
 PremKumar
 [Authorized Signatory]

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Page 2 of 3

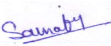
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2205160539 Sample Reg. Date :16-05-2022 Report Date :25-05-2022 Report No. :ICE-2205250942 NABL ULR No. :TC592622000007650F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

s)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
t)	Manufactured By [#]	NA
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
Discipline : Chemical				
Group : Pollution & Environment				
1. General Parameters				
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)		6.39
d.	Total Suspended Solids,(mg/L)	IS:3025(Part 17)		63
e.	Total Dissolved Solids (mg/L)	IS:3025(Part 16):1984(RA.2006)	-	530


Saurabh Sharma
25-05-2022
Reviewer


25-05-2022
PremKumar
[Authorized Signatory]

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Test Report

Document QF : 2501

Page 3 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2205160539 Sample Reg. Date :16-05-2022 Report Date :25-05-2022 Report No. :ICE-2205250942 NABL ULR No. :TC592622000007650F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

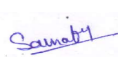
f.	Chemical Oxygen Demand(mg/L)	IS: 3025(Part-58)	125
g.	Bio-chemical Oxygen Demand, mg/L (3 days at 27°C)	IS:3025(P-44)	40
h.	Oil & Grease(mg/L)	IS:3025(P-39)	<4.0
i.	Free Residual Chlorine (mg/L)	IS:3025(Part 26):1986(RA:2014)amd no 1	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
25-05-2022
Reviewer


25-05-2022
PremKumar
[Authorized Signatory]

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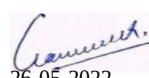
Page 1 of 3

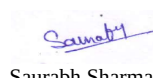
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2205160540 Sample Reg. Date :16-05-2022 Report Date :26-05-2022 Report No. :ICE-2205260971 NABL ULR No. :TC592622000007717F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

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 #	1 Ltr
k)	Batch Size/Location #	NA
l)	Mode of Packing	Packed in bottles
m)	Date of Receipt	16-05-2022
n)	Date of Start	16-05-2022
o)	Date of Completion	26-05-2022
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample collected by lab rep. on 14.05.2022


26-05-2022
Gaurav Khandelwal
[Authorized Signatory]


Saurabh Sharma
26-05-2022
Reviewer


26-05-2022
PremKumar
[Authorized Signatory]

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Test Report

Document QF : 2501

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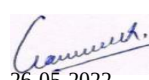
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2205160540 Sample Reg. Date :16-05-2022 Report Date :26-05-2022 Report No. :ICE-2205260971 NABL ULR No. :TC592622000007717F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

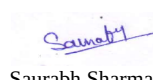
s)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
t)	Manufactured By [#]	NA
u)	Supplied By [#]	NA

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
Discipline : Chemical				
Group : Pollution & Environment				
1.	General Parameters			
a.	Nitrate as NO ₃ (mg/L)	IS:3025(P-34)		BLQ(LOQ:1.0)
b.	Calcium(as Ca)(mg/L)	IS:3025(P-40)	-	73
c.	Magnesium as Mg(mg/L)	IS:3025(Part-46)	-	19
d.	Sodium(as Na)(mg/L)	IS:3025(P-45)	-	21.4
e.	Potassium as K,(mg/L)	IS:3025(P-45)		13.8
f.	Phosphate as PO ₄ (mg/L)	APHA-23rd Edition		BLQ(LOQ:0.003)
Discipline : Biological				
Group : Pollution & Environment				


26-05-2022
Gaurav Khandelwal
[Authorized Signatory]


Saurabh Sharma
26-05-2022
Reviewer


26-05-2022
PremKumar
[Authorized Signatory]

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Document QF : 2501

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2205160540 Sample Reg. Date :16-05-2022 Report Date :26-05-2022 Report No. :ICE-2205260971 NABL ULR No. :TC592622000007717F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

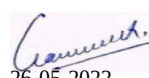
1.	Microbiological Tests			
a.	Faecal Coliforms, (MPN/100mL)	APHA-23 rd Edn 17-9221 F		4.0 x 10 ^ 5
b.	E.coli, (MPN/100mL)	APHA-23 rd Edn 17-9221 F		1.1 x 10 ^ 5
c.	Total Coliform (MPN/100ml)	APHA-23 rd Edn 17-9221 F		7.6 x 10 ^ 5

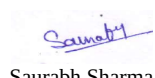
'#' represents Customer Defined Fields

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*****


 26-05-2022
 Gaurav Khandelwal
 [Authorized Signatory]


 Saurabh Sharma
 26-05-2022
 Reviewer


 26-05-2022
 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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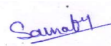
Page 1 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2205160541 Sample Reg. Date :16-05-2022 Report Date :25-05-2022 Report No. :ICE-2205250943 NABL ULR No. :TC592622000007651F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

Test Report as per IS: EPA Act 1986/PCLS/2010	With Amendment No.(s):

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	16-05-2022
n)	Date of Start	16-05-2022
o)	Date of Completion	25-05-2022
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample collected by lab rep. on 14.05.2022


 Saurabh Sharma
 25-05-2022
 Reviewer


 25-05-2022
 PremKumar
 [Authorized Signatory]

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Test Report

Document QF : 2501

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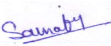
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2205160541 Sample Reg. Date :16-05-2022 Report Date :25-05-2022 Report No. :ICE-2205250943 NABL ULR No. :TC592622000007651F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

s)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
t)	Manufactured By [#]	NA
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
Discipline : Chemical				
Group : Pollution & Environment				
1. General Parameters				
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	7.46
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	670


Saurabh Sharma
25-05-2022
Reviewer


25-05-2022
PremKumar
[Authorized Signatory]

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Test Report

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Page 3 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2205160541 Sample Reg. Date :16-05-2022 Report Date :25-05-2022 Report No. :ICE-2205250943 NABL ULR No. :TC592622000007651F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

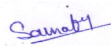
f.	Chemical Oxygen Demand(mg/l)	IS: 3025(Part-58)	Not Specified	71
g.	Bio-chemical Oxygen Demand, mg/l (3 days at 27°C)	IS:3025(P-44)	Max. 30	20
h.	Oil & Grease(mg/l)	IS:3025(P-39)	Max. 10	<4.0
i.	Free Residual Chlorine (mg/l)	IS:3025(P-26)	Max. 1.0	BLQ(LOQ:1.0)

'#' 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, Purpose - For Self Monitoring

REMARKS :N/A

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


 Saurabh Sharma
 25-05-2022
 Reviewer


 25-05-2022
 PremKumar
 [Authorized Signatory]

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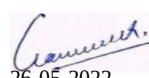
Page 1 of 3

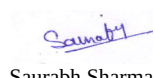
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2205160542 Sample Reg. Date :16-05-2022 Report Date :26-05-2022 Report No. :ICE-2205260969 NABL ULR No. :TC592622000007718F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

Test Report as per IS: EPA Act 1986/PCLS/2010	With Amendment No.(s):

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	16-05-2022
n)	Date of Start	16-05-2022
o)	Date of Completion	26-05-2022
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample collected by lab rep. on 14.05.2022


26-05-2022
Gaurav Khandelwal
[Authorized Signatory]


26-05-2022
Saurabh Sharma
Reviewer


26-05-2022
PremKumar
[Authorized Signatory]

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Test Report

Document QF : 2501

Page 2 of 3

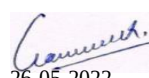
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2205160542 Sample Reg. Date :16-05-2022 Report Date :26-05-2022 Report No. :ICE-2205260969 NABL ULR No. :TC592622000007718F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

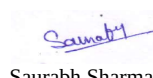
s)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
t)	Manufactured By [#]	NA
u)	Supplied By [#]	NA

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
Discipline : Chemical				
Group : Pollution & Environment				
1.	General Parameters			
a.	Nitrate as NO ₃ (mg/l)	IS 3025 (Part 34)	Max. 10	BLQ(LOQ:1.0)
b.	Calcium(as Ca)(mg/l)	IS:3025(P-40)	Not Specified	63
c.	Magnesium as Mg(mg/l)	IS: 3025 (P-46)	Not Specified	15
d.	Sodium(as Na)(mg/l)	IS:3025(P-45)	Not Specified	16.4
e.	Potassium as K,(mg/l)	IS:3025(P-45)	Not Specified	9.6
f.	Phosphate(as PO ₄), mg/L	APHA-23rd Edition	Max. 5.0	BLQ(LOQ:0.003)
Discipline : Biological				
Group : Pollution & Environment				


26-05-2022
Gaurav Khandelwal
[Authorized Signatory]


Saurabh Sharma
26-05-2022
Reviewer


26-05-2022
PremKumar
[Authorized Signatory]

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2205160542 Sample Reg. Date :16-05-2022 Report Date :26-05-2022 Report No. :ICE-2205260969 NABL ULR No. :TC592622000007718F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

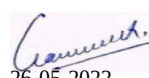
1.	Microbiological Tests			
a.	Faecal Coliform, MPN/100ml	APHA-23 rd Edn 17-9221 F	Max. 1000	<1.8
b.	E.coli, (MPN/100ml)	APHA 23rd Edn 17-9221 E	Not Specified	<1.8
c.	Total Coliform (MPN/100ml)	APHA-23 rd Edn 17-9221 F	Not Specified	110

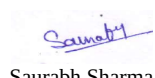
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NOTE : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per EPA Act 1986/PCLS/2010. Sampling Procedure: SOP/ITC/EW/030, Purpose - For Self Monitoring

REMARKS :N/A

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


26-05-2022
Gaurav Khandelwal
[Authorized Signatory]


Saurabh Sharma
26-05-2022
Reviewer


26-05-2022
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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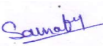
Page 1 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2205160543 Sample Reg. Date :16-05-2022 Report Date :25-05-2022 Report No. :ICE-2205250944 NABL ULR No. :TC592622000007652F Customer Ref. No.: Order No.5030010814 Letter Dated :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 (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	16-05-2022
n)	Date of Start	16-05-2022
o)	Date of Completion	25-05-2022
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample collected by lab rep. on 14.05.2022


Saurabh Sharma
25-05-2022
Reviewer


25-05-2022
PremKumar
[Authorized Signatory]

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Test Report

Document QF : 2501

Page 2 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2205160543 Sample Reg. Date :16-05-2022 Report Date :25-05-2022 Report No. :ICE-2205250944 NABL ULR No. :TC592622000007652F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

s)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
t)	Manufactured By [#]	NA
u)	Supplied By [#]	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
Discipline : Chemical				
Group : Pollution & Environment				
1. General Parameters				
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)		6.63
d.	Total Suspended Solids,(mg/L)	IS:3025(Part 17)		112
e.	Total Dissolved Solids (mg/L)	IS:3025(Part 16):1984(RA.2006)	-	724


Saurabh Sharma
25-05-2022
Reviewer


25-05-2022
PremKumar
[Authorized Signatory]

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Test Report

Document QF : 2501

Page 3 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2205160543 Sample Reg. Date :16-05-2022 Report Date :25-05-2022 Report No. :ICE-2205250944 NABL ULR No. :TC592622000007652F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

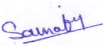
f.	Chemical Oxygen Demand(mg/L)	IS: 3025(Part-58)	267
g.	Bio-chemical Oxygen Demand, mg/L (3 days at 27°C)	IS:3025(P-44)	94
h.	Oil & Grease(mg/L)	IS:3025(P-39)	6.4
i.	Free Residual Chlorine (mg/L)	IS:3025(Part 26):1986(RA:2014)amd no 1	BLQ(LOQ:1.0)

'#' 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
25-05-2022
Reviewer


25-05-2022
PremKumar
[Authorized Signatory]

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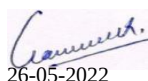
Page 1 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2205160544 Sample Reg. Date :16-05-2022 Report Date :26-05-2022 Report No. :ICE-2205260967 NABL ULR No. :TC592622000007719F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

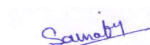
Test Report as per IS:NA	With Amendment No.(s):

PART A : PARTICULARS OF SAMPLE SUBMITTED

a)	Nature of Sample #	STP Inlet Water (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	16-05-2022
n)	Date of Start	16-05-2022
o)	Date of Completion	26-05-2022
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample collected by lab rep. on 14.05.2022


26-05-2022

Gaurav Khandelwal
[Authorized Signatory]


26-05-2022

Saurabh Sharma
26-05-2022
Reviewer


26-05-2022

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

Document QF : 2501

Page 2 of 3

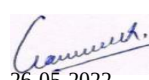
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2205160544 Sample Reg. Date :16-05-2022 Report Date :26-05-2022 Report No. :ICE-2205260967 NABL ULR No. :TC592622000007719F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

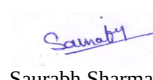
s)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
t)	Manufactured By [#]	NA
u)	Supplied By [#]	NA

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
Discipline : Chemical				
Group : Pollution & Environment				
1.	General Parameters			
a.	Nitrate as NO ₃ (mg/L)	IS:3025(P-34)		BLQ(LOQ:1.0)
b.	Calcium(as Ca)(mg/L)	IS:3025(P-40)	-	87
c.	Magnesium as Mg(mg/L)	IS:3025(Part-46)	-	23.7
d.	Sodium(as Na)(mg/L)	IS:3025(P-45)	-	29.8
e.	Potassium as K,(mg/L)	IS:3025(P-45)		17.8
f.	Phosphate as PO ₄ (mg/L)	APHA-23rd Edition		BLQ(LOQ:0.003)
Discipline : Biological				
Group : Pollution & Environment				


26-05-2022
Gaurav Khandelwal
[Authorized Signatory]


Saurabh Sharma
26-05-2022
Reviewer


26-05-2022
PremKumar
[Authorized Signatory]

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Page 3 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2205160544 Sample Reg. Date :16-05-2022 Report Date :26-05-2022 Report No. :ICE-2205260967 NABL ULR No. :TC592622000007719F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

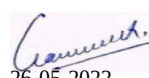
1.	Microbiological Tests			
a.	Faecal Coliforms, (MPN/100mL)	APHA-23 rd Edn 17-9221 F		1.4 x 10 ^5
b.	E.coli, (MPN/100mL)	APHA-23 rd Edn 17-9221 F		9.3 x 10 ^4
c.	Total Coliform (MPN/100ml)	APHA-23 rd Edn 17-9221 F		2.7 x 10 ^5

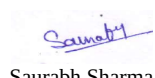
'#' represents Customer Defined Fields

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*****


 26-05-2022
 Gaurav Khandelwal
 [Authorized Signatory]


 Saurabh Sharma
 26-05-2022
 Reviewer


 26-05-2022
 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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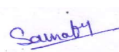
Page 1 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2205160545 Sample Reg. Date :16-05-2022 Report Date :25-05-2022 Report No. :ICE-2205250945 NABL ULR No. :TC592622000007653F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per IS: EPA Act 1986/PCLS/2010	With Amendment No.(s):

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	16-05-2022
n)	Date of Start	16-05-2022
o)	Date of Completion	25-05-2022
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample collected by lab rep. on 14.05.2022


Saurabh Sharma
25-05-2022
Reviewer


25-05-2022
PremKumar
[Authorized Signatory]

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Test Report

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Page 2 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2205160545 Sample Reg. Date :16-05-2022 Report Date :25-05-2022 Report No. :ICE-2205250945 NABL ULR No. :TC592622000007653F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

s)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
t)	Manufactured By [#]	NA
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
Discipline : Chemical				
Group : Pollution & Environment				
1. General Parameters				
a.	Colour	IS:3025(Part4):1983(RA:2017)amd. no1	Not Specified	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	7.29
d.	Total Suspended Solids,(mg/L)	IS:3025(Part 17)	Max. 100	34
e.	Total Dissolved Solids (mg/L)	IS:3025(Part 16):1984(RA.2006)	Not Specified	695


Saurabh Sharma
25-05-2022
Reviewer


25-05-2022
PremKumar
[Authorized Signatory]

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Page 3 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2205160545 Sample Reg. Date :16-05-2022 Report Date :25-05-2022 Report No. :ICE-2205250945 NABL ULR No. :TC592622000007653F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

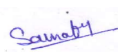
f.	Chemical Oxygen Demand(mg/L)	IS: 3025(Part-58)	Not Specified	88
g.	Bio-chemical Oxygen Demand, mg/L (3 days at 27°C)	IS:3025(P-44)	Max. 30	20
h.	Oil & Grease(mg/L)	IS:3025(P-39)	Max. 10	<4.0
i.	Free Residual Chlorine (mg/L)	IS:3025(P-26)	Max. 1.0	BLQ(LOQ:1.0)

'#' 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, Purpose - For Self Monitoring

REMARKS :N/A

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


Saurabh Sharma
25-05-2022
Reviewer


25-05-2022
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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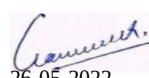
Page 1 of 3

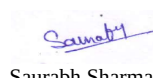
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2205160546 Sample Reg. Date :16-05-2022 Report Date :26-05-2022 Report No. :ICE-2205260970 NABL ULR No. :TC592622000007685F Customer Ref. No.: PO Letter Dated :29.10.2020

Test Report as per IS: EPA Act 1986/PCLS/2010	With Amendment No.(s):

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	16-05-2022
n)	Date of Start	16-05-2022
o)	Date of Completion	26-05-2022
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample collected by lab rep. on 14.05.2022


26-05-2022
Gaurav Khandelwal
[Authorized Signatory]


Saurabh Sharma
26-05-2022
Reviewer


26-05-2022
PremKumar
[Authorized Signatory]

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Test Report

Document QF : 2501

Page 2 of 3

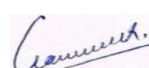
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2205160546 Sample Reg. Date :16-05-2022 Report Date :26-05-2022 Report No. :ICE-2205260970 NABL ULR No. :TC592622000007685F Customer Ref. No.: PO Letter Dated :29.10.2020

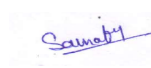
s)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
t)	Manufactured By [#]	NA
u)	Supplied By [#]	NA

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
Discipline : Chemical				
Group : Pollution & Environment				
1. General Parameters				
a.	Nitrate as NO ₃ (mg/L)	IS 3025 (Part 34)	Max. 10	BLQ(LOQ:1.0)
b.	Calcium(as Ca)(mg/L)	IS:3025(P-40)	Not Specified	68
c.	Magnesium as Mg(mg/L)	IS: 3025 (P-46)	Not Specified	18
d.	Sodium(as Na)(mg/L)	IS:3025(P-45)	Not Specified	23
e.	Potassium as K,(mg/L)	IS:3025(P-45)	Not Specified	14.1
f.	Phosphate(as PO ₄), mg/L	APHA-23rd Edition	Max. 5.0	BLQ(LOQ:0.003)
Discipline : Biological				
Group : Pollution & Environment				


 26-05-2022
 Gaurav Khandelwal
 [Authorized Signatory]


 Saurabh Sharma
 26-05-2022
 Reviewer


 26-05-2022
 PremKumar
 [Authorized Signatory]

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2205160546 Sample Reg. Date :16-05-2022 Report Date :26-05-2022 Report No. :ICE-2205260970 NABL ULR No. :TC592622000007685F Customer Ref. No. :PO Letter Dated :29.10.2020

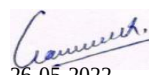
1.	Microbiological Tests			
a.	Faecal Coliform, MPN/100ml	APHA-23 rd Edn 17-9221 F	Max. 1000	540
b.	E.coli, (MPN/100mL)	APHA 23rd Edn 17-9221 E	Not Specified	240
c.	Total Coliform (MPN/100ml)	APHA-23 rd Edn 17-9221 F	Not Specified	920

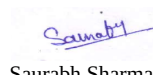
'#' represents Customer Defined Fields

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*****


26-05-2022
Gaurav Khandelwal
[Authorized Signatory]


Saurabh Sharma
26-05-2022
Reviewer


26-05-2022
PremKumar
[Authorized Signatory]

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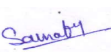
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Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2205200749 Sample Reg. Date :20-05-2022 Report Date :26-05-2022 Report No. :ICE-2205261005 NABL ULR No. :TC592622000007699F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020
Test Report as per :	: EPA Act 1986/PCLS/2010
General Information :	
Name of Sample	: Ambient Noise
Date of Monitoring	: 14-05-2022
Time of Monitoring	: Day & Night
Nature of Industry	: Thermal Power Plant
Purpose of Monitoring	: For Self Monitoring


 Saurabh Sharma
 26-05-2022
 Reviewer


 26-05-2022
 PremKumar
 [Authorized Signatory]

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Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2205200749 Sample Reg. Date :20-05-2022 Report Date :26-05-2022 Report No. :ICE-2205261005 NABL ULR No. :TC592622000007699F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Description				
Description		Noise Monitoring		
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Atmospheric Pollution				
1.	Location Name			
a.	Near Gate No.1 (Day Time), Leq dB (A)	IS:9989(RA 2014)	Max. 75.0	54.6
b.	Near Gate No.1 (Night Time), Leq dB (A)	IS:9989(RA 2014)	Max. 70.0	50.4
c.	Near Gate No.2 (Day Time), Leq dB (A)	IS:9989(RA 2014)	Max. 75.0	52.9
d.	Near Gate No.2 (Night Time), Leq dB (A)	IS:9989(RA 2014)	Max. 70.0	49.4
e.	Near Gate No.3 (Day Time), Leq dB (A)	IS:9989(RA 2014)	Max. 75.0	54.5
f.	Near Gate No.3 (Night Time), Leq dB (A)	IS:9989(RA 2014)	Max. 70.0	51.3
g.	Near Guest House (Day Time), Leq dB (A)	IS:9989(RA 2014)	Max. 75.0	51.3
h.	Near Guest House (Night Time), Leq dB (A)	IS:9989(RA 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
26-05-2022
Reviewer


26-05-2022
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

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2206060278 Sample Reg. Date :06-06-2022 Report Date :13-06-2022 Report No. :ICE-2206130425 NABL ULR No. :TC592622000008489F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Gate No.3
Date of Monitoring	: 02-06-2022
Time of Monitoring	: 11:00 Hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.34
Volume of air sampled,m3	: 1806.09
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(SO ₂),µg/m ³	IS:5182(P-2)	80 Max	12.35
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS:5182(P-6)	80 Max	22.21
c.	Particulate Matter (PM ₁₀),µg/m ³	IS:5182(P-23)	100 Max	117.27
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW-01	60 Max	62.29

Saurabh Sharma
Saurabh Sharma
13-06-2022
Reviewer

PremKumar
13-06-2022
PremKumar
[Authorized Signatory]

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Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2206060278 Sample Reg. Date :06-06-2022 Report Date :13-06-2022 Report No. :ICE-2206130425 NABL ULR No. :TC592622000008489F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

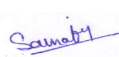
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	25.15
f.	Lead(As Pb),µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	1.4
h.	Ammonia(NH ₃),µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	30.54
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)-2017	5 Max	BLQ(LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	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
13-06-2022
Reviewer


13-06-2022
PremKumar
[Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.
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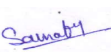
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2206060277 Sample Reg. Date :06-06-2022 Report Date :13-06-2022 Report No. :ICE-2206130424 NABL ULR No. :TC592622000008527F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Block C-6
Date of Monitoring	: 02-06-2022
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	: 1786.85
Avg. Ambient Temperature,°C	: 38

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(SO ₂),µg/m ³	IS:5182(P-2)	80 Max	10.21
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS:5182(P-6)	80 Max	18.32
c.	Particulate Matter (PM ₁₀),µg/m ³	IS:5182(P-23)	100 Max	109.41
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW-01	60 Max	54.29


Saurabh Sharma
13-06-2022
Reviewer


13-06-2022
PremKumar
[Authorized Signatory]

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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2206060277 Sample Reg. Date :06-06-2022 Report Date :13-06-2022 Report No. :ICE-2206130424 NABL ULR No. :TC592622000008527F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

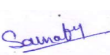
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	23.35
f.	Lead(As Pb),µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	1.2
h.	Ammonia(NH ₃),µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	26.42
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)-2017	5 Max	BLQ(LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	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
13-06-2022
Reviewer


13-06-2022
PremKumar
[Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2206060279 Sample Reg. Date :06-06-2022 Report Date :13-06-2022 Report No. :ICE-2206130426 NABL ULR No. :TC592622000008517F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Village-Khanpur
Date of Monitoring	: 02-06-2022
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	: 1806.09
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(SO ₂),µg/m ³	IS:5182(P-2)	80 Max	7.42
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS:5182(P-6)	80 Max	12.35
c.	Particulate Matter (PM ₁₀),µg/m ³	IS:5182(P-23)	100 Max	126.13
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW-01	60 Max	67.34

Saurabh Sharma
13-06-2022
Reviewer

13-06-2022
PremKumar
[Authorized Signatory]

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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2206060279 Sample Reg. Date :06-06-2022 Report Date :13-06-2022 Report No. :ICE-2206130426 NABL ULR No. :TC592622000008517F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

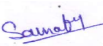
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	28.17
f.	Lead(As Pb),µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	1.4
h.	Ammonia(NH ₃),µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	33.41
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)-2017	5 Max	BLQ(LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	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
13-06-2022
Reviewer


13-06-2022
PremKumar
[Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.
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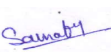
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2206060280 Sample Reg. Date :06-06-2022 Report Date :13-06-2022 Report No. :ICE-2206130427 NABL ULR No. :TC592622000008495F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Shakti Vihar
Date of Monitoring	: 02-06-2022
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	: 1781.12
Avg. Ambient Temperature,°C	: 39

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(SO ₂),µg/m ³	IS:5182(P-2)	80 Max	6.25
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS:5182(P-6)	80 Max	10.12
c.	Particulate Matter (PM ₁₀),µg/m ³	IS:5182(P-23)	100 Max	93.20
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW-01	60 Max	51.35


Saurabh Sharma
13-06-2022
Reviewer


13-06-2022
PremKumar
[Authorized Signatory]

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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2206060280 Sample Reg. Date :06-06-2022 Report Date :13-06-2022 Report No. :ICE-2206130427 NABL ULR No. :TC592622000008495F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

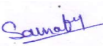
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	22.18
f.	Lead(As Pb),µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	BLQ(LOQ:1.0)
h.	Ammonia(NH ₃),µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ(LOQ:20)
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)-2017	5 Max	BLQ(LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	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
13-06-2022
Reviewer


13-06-2022
PremKumar
[Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.
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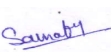
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. : E01-2206140700 Sample Reg. Date : 14-06-2022 Report Date : 25-06-2022 Report No. : ICE-2206250977 NABL ULR No. : TC592622000009192F Customer Ref. No. : Order No.5030010814 Letter Dated : 29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Gate No.3
Date of Monitoring	: 06-06-2022
Time of Monitoring	: 10:50 Hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.34
Volume of air sampled, m ³	: 1800.29
Avg. Ambient Temperature, °C	: 38

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(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	11.23
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	22.67
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	119.37
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	57.24


Saurabh Sharma
25-06-2022
Reviewer


25-06-2022
PremKumar
[Authorized Signatory]

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Test Report

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Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2206140700 Sample Reg. Date :14-06-2022 Report Date :25-06-2022 Report No. :ICE-2206250977 NABL ULR No. :TC592622000009192F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

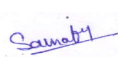
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	23.67
f.	Lead(As Pb),µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	1.4
h.	Ammonia(NH ₃),µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	30.15
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)-2017	5 Max	BLQ(LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	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
25-06-2022
Reviewer


25-06-2022
PremKumar
[Authorized Signatory]

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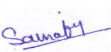
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. : E01-2206140699 Sample Reg. Date : 14-06-2022 Report Date : 25-06-2022 Report No. : ICE-2206250976 NABL ULR No. : TC592622000009190F Customer Ref. No. : Order No.5030010814 Letter Dated : 29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Block C-3
Date of Monitoring	: 06-06-2022
Time of Monitoring	: 11:00 Hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.33
Volume of air sampled, m ³	: 1781.12
Avg. Ambient Temperature, °C	: 39

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(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	6.12
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	13.15
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	98.14
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	49.36


Saurabh Sharma
25-06-2022
Reviewer


25-06-2022
PremKumar
[Authorized Signatory]

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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2206140699 Sample Reg. Date :14-06-2022 Report Date :25-06-2022 Report No. :ICE-2206250976 NABL ULR No. :TC592622000009190F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

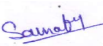
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	22.10
f.	Lead(As Pb),µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	1.3
h.	Ammonia(NH ₃),µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	23.54
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)-2017	5 Max	BLQ(LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	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
25-06-2022
Reviewer


25-06-2022
PremKumar
[Authorized Signatory]

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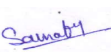
Test Report

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Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. : E01-2206140701 Sample Reg. Date : 14-06-2022 Report Date : 25-06-2022 Report No. : ICE-2206250978 NABL ULR No. : TC592622000009193F Customer Ref. No. : Order No.5030010814 Letter Dated : 29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Village-Khanpur
Date of Monitoring	: 06-06-2022
Time of Monitoring	: 10:30 Hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.34
Volume of air sampled, m ³	: 1806.09
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(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	9.15
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	21.35
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	135.26
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	65.24


Saurabh Sharma
25-06-2022
Reviewer


25-06-2022
PremKumar
[Authorized Signatory]

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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2206140701 Sample Reg. Date :14-06-2022 Report Date :25-06-2022 Report No. :ICE-2206250978 NABL ULR No. :TC592622000009193F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

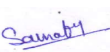
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	23.10
f.	Lead(As Pb),µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	1.5
h.	Ammonia(NH ₃),µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	25.36
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)-2017	5 Max	BLQ(LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	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
25-06-2022
Reviewer


25-06-2022
PremKumar
[Authorized Signatory]

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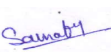
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. : E01-2206140702 Sample Reg. Date : 14-06-2022 Report Date : 25-06-2022 Report No. : ICE-2206250979 NABL ULR No. : TC592622000009194F Customer Ref. No. : Order No.5030010814 Letter Dated : 29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Shakti Vihar
Date of Monitoring	: 06-06-2022
Time of Monitoring	: 11:40 Hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.33
Volume of air sampled, m ³	: 1781.12
Avg. Ambient Temperature, °C	: 39

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(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	7.15
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	13.36
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	100.27
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	57.24


Saurabh Sharma
25-06-2022
Reviewer


25-06-2022
PremKumar
[Authorized Signatory]

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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2206140702 Sample Reg. Date :14-06-2022 Report Date :25-06-2022 Report No. :ICE-2206250979 NABL ULR No. :TC592622000009194F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

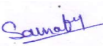
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	23.29
f.	Lead(As Pb),µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	BLQ(LOQ:1.0)
h.	Ammonia(NH ₃),µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	30.60
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)-2017	5 Max	BLQ(LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	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
25-06-2022
Reviewer


25-06-2022
PremKumar
[Authorized Signatory]

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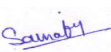
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. : E01-2206140704 Sample Reg. Date : 14-06-2022 Report Date : 25-06-2022 Report No. : ICE-2206250981 NABL ULR No. : TC592622000009188F Customer Ref. No. : Order No.5030010814 Letter Dated : 29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Gate No.3
Date of Monitoring	: 09-06-2022
Time of Monitoring	: 11:00 Hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.33
Volume of air sampled, m ³	: 1786.85
Avg. Ambient Temperature, °C	: 38

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(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	15.41
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	29.13
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	112.32
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	58.08


Saurabh Sharma
25-06-2022
Reviewer


25-06-2022
PremKumar
[Authorized Signatory]

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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2206140704 Sample Reg. Date :14-06-2022 Report Date :25-06-2022 Report No. :ICE-2206250981 NABL ULR No. :TC592622000009188F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

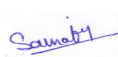
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	23.38
f.	Lead(As Pb),µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	1.4
h.	Ammonia(NH ₃),µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	29.47
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)-2017	5 Max	BLQ(LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	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
25-06-2022
Reviewer


25-06-2022
PremKumar
[Authorized Signatory]

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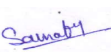
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2206140703 Sample Reg. Date :14-06-2022 Report Date :25-06-2022 Report No. :ICE-2206250980 NABL ULR No. :TC592622000009191F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Block C-6
Date of Monitoring	: 09-06-2022
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	: 1794.51
Avg. Ambient Temperature,°C	: 39

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	6.12
b.	Nitrogen Dioxide(NO2),µg/m3	IS:5182(P-6)	80 Max	18.25
c.	Particulate Matter (PM10),µg/m3	IS:5182(P-23)	100 Max	103.48
d.	Particulate matter (PM 2.5),µg/m3	STP/ITC/EW-01	60 Max	52.19


 Saurabh Sharma
 25-06-2022
 Reviewer


 25-06-2022
 PremKumar
 [Authorized Signatory]

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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2206140703 Sample Reg. Date :14-06-2022 Report Date :25-06-2022 Report No. :ICE-2206250980 NABL ULR No. :TC592622000009191F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

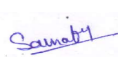
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	22.10
f.	Lead(As Pb),µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	BLQ(LOQ:1.0)
h.	Ammonia(NH ₃),µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	32.18
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)-2017	5 Max	BLQ(LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	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
25-06-2022
Reviewer


25-06-2022
PremKumar
[Authorized Signatory]

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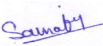
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. : E01-2206140705 Sample Reg. Date : 14-06-2022 Report Date : 25-06-2022 Report No. : ICE-2206250982 NABL ULR No. : TC592622000009185F Customer Ref. No. : Order No.5030010814 Letter Dated : 29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Village-Khanpur
Date of Monitoring	: 09-06-2022
Time of Monitoring	: 10:40 Hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.34
Volume of air sampled, m ³	: 1800.29
Avg. Ambient Temperature, °C	: 38

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(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	12.26
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	22.28
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	120.31
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	55.98


Saurabh Sharma
25-06-2022
Reviewer


25-06-2022
PremKumar
[Authorized Signatory]

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Test Report

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Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2206140705 Sample Reg. Date :14-06-2022 Report Date :25-06-2022 Report No. :ICE-2206250982 NABL ULR No. :TC592622000009185F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

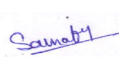
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	23.38
f.	Lead(As Pb),µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	1.2
h.	Ammonia(NH ₃),µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	32.15
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)-2017	5 Max	BLQ(LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	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
25-06-2022
Reviewer


25-06-2022
PremKumar
[Authorized Signatory]

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

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. : E01-2206140706 Sample Reg. Date : 14-06-2022 Report Date : 25-06-2022 Report No. : ICE-2206250983 NABL ULR No. : TC592622000009182F Customer Ref. No. : Order No.5030010814 Letter Dated : 29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Shakti Vihar
Date of Monitoring	: 09-06-2022
Time of Monitoring	: 11:40 Hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.34
Volume of air sampled, m ³	: 1794.51
Avg. Ambient Temperature, °C	: 39

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(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	6.44
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	12.30
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	95.46
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	46.30

Saurabh Sharma
25-06-2022
Reviewer

25-06-2022
PremKumar
[Authorized Signatory]

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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2206140706 Sample Reg. Date :14-06-2022 Report Date :25-06-2022 Report No. :ICE-2206250983 NABL ULR No. :TC592622000009182F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

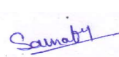
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	28.18
f.	Lead(As Pb),µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	BLQ(LOQ:1.0)
h.	Ammonia(NH ₃),µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	26.34
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)-2017	5 Max	BLQ(LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	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
25-06-2022
Reviewer


25-06-2022
PremKumar
[Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)
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Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2206211028 Sample Reg. Date :21-06-2022 Report Date :27-06-2022 Report No. :ICE-2206271089 NABL ULR No. :TC592622000009225F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Gate No.3
Date of Monitoring	: 13-06-2022
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	: 1786.85
Avg. Ambient Temperature,°C	: 38

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(SO ₂),µg/m ³	IS:5182(P-2)	80 Max	12.26
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS:5182(P-6)	80 Max	24.39
c.	Particulate Matter (PM ₁₀),µg/m ³	IS:5182(P-23)	100 Max	119.15
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW-01	60 Max	53.03

Saurabh Sharma
27-06-2022
Reviewer

27-06-2022
PremKumar
[Authorized Signatory]

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Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2206211028 Sample Reg. Date :21-06-2022 Report Date :27-06-2022 Report No. :ICE-2206271089 NABL ULR No. :TC592622000009225F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	23.28
f.	Lead(As Pb),µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	1.3
h.	Ammonia(NH ₃),µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	30.56
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)-2017	5 Max	BLQ(LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	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
27-06-2022
Reviewer


27-06-2022
PremKumar
[Authorized Signatory]

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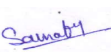
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2206211027 Sample Reg. Date :21-06-2022 Report Date :27-06-2022 Report No. :ICE-2206271088 NABL ULR No. :TC592622000009231F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Block C-3
Date of Monitoring	: 13-06-2022
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	: 1781.12
Avg. Ambient Temperature,°C	: 39

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(SO ₂),µg/m ³	IS:5182(P-2)	80 Max	10.24
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS:5182(P-6)	80 Max	19.37
c.	Particulate Matter (PM ₁₀),µg/m ³	IS:5182(P-23)	100 Max	107.12
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW-01	60 Max	49.24


Saurabh Sharma
27-06-2022
Reviewer


27-06-2022
PremKumar
[Authorized Signatory]

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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2206211027 Sample Reg. Date :21-06-2022 Report Date :27-06-2022 Report No. :ICE-2206271088 NABL ULR No. :TC592622000009231F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

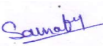
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	21.36
f.	Lead(As Pb),µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	1.4
h.	Ammonia(NH ₃),µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	29.31
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)-2017	5 Max	BLQ(LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	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
27-06-2022
Reviewer


27-06-2022
PremKumar
[Authorized Signatory]

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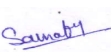
Test Report

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. : E01-2206211029 Sample Reg. Date : 21-06-2022 Report Date : 27-06-2022 Report No. : ICE-2206271090 NABL ULR No. : TC592622000009254F Customer Ref. No. : Order No.5030010814 Letter Dated : 29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Village-Khanpur
Date of Monitoring	: 13-06-2022
Time of Monitoring	: 10:30 Hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.34
Volume of air sampled, m ³	: 1800.29
Avg. Ambient Temperature, °C	: 38

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(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	8.15
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	19.31
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	127.37
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	62.29


Saurabh Sharma
27-06-2022
Reviewer


27-06-2022
PremKumar
[Authorized Signatory]

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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2206211029 Sample Reg. Date :21-06-2022 Report Date :27-06-2022 Report No. :ICE-2206271090 NABL ULR No. :TC592622000009254F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

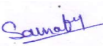
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	22.10
f.	Lead(As Pb),µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	1.2
h.	Ammonia(NH ₃),µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	26.15
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)-2017	5 Max	BLQ(LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	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
27-06-2022
Reviewer


27-06-2022
PremKumar
[Authorized Signatory]

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Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2206211030 Sample Reg. Date :21-06-2022 Report Date :27-06-2022 Report No. :ICE-2206271091 NABL ULR No. :TC592622000009234F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Shakti Vihar
Date of Monitoring	: 13-06-2022
Time of Monitoring	: 11:40 Hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.33
Volume of air sampled,m3	: 1781.12
Avg. Ambient Temperature,°C	: 39

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(SO ₂),µg/m ³	IS:5182(P-2)	80 Max	10.37
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS:5182(P-6)	80 Max	15.47
c.	Particulate Matter (PM ₁₀),µg/m ³	IS:5182(P-23)	100 Max	95.16
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW-01	60 Max	42.09

Saurabh Sharma
27-06-2022
Reviewer

27-06-2022
PremKumar
[Authorized Signatory]

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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2206211030 Sample Reg. Date :21-06-2022 Report Date :27-06-2022 Report No. :ICE-2206271091 NABL ULR No. :TC592622000009234F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

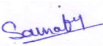
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	BLQ(LOQ:1.0)
f.	Lead(As Pb),µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	BLQ(LOQ:1.0)
h.	Ammonia(NH ₃),µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ(LOQ:1.0)
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)-2017	5 Max	BLQ(LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	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
27-06-2022
Reviewer


27-06-2022
PremKumar
[Authorized Signatory]

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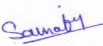
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2206211032 Sample Reg. Date :21-06-2022 Report Date :27-06-2022 Report No. :ICE-2206271093 NABL ULR No. :TC592622000009233F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Gate No.3
Date of Monitoring	: 16-06-2022
Time of Monitoring	: 11:00 Hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.34
Volume of air sampled,m3	: 1806.09
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	13.05
b.	Nitrogen Dioxide(NO2),µg/m3	IS:5182(P-6)	80 Max	20.24
c.	Particulate Matter (PM10),µg/m3	IS:5182(P-23)	100 Max	127.46
d.	Particulate matter (PM 2.5),µg/m3	STP/ITC/EW-01	60 Max	63.13


Saurabh Sharma
27-06-2022
Reviewer


27-06-2022
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[Authorized Signatory]

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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2206211032 Sample Reg. Date :21-06-2022 Report Date :27-06-2022 Report No. :ICE-2206271093 NABL ULR No. :TC592622000009233F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

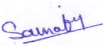
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	21.38
f.	Lead(As Pb),µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	1.4
h.	Ammonia(NH ₃),µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	24.18
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)-2017	5 Max	BLQ(LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	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
27-06-2022
Reviewer


27-06-2022
PremKumar
[Authorized Signatory]

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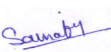
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. : E01-2206211031 Sample Reg. Date : 21-06-2022 Report Date : 27-06-2022 Report No. : ICE-2206271092 NABL ULR No. : TC592622000009230F Customer Ref. No. : Order No.5030010814 Letter Dated : 29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Block C-6
Date of Monitoring	: 16-06-2022
Time of Monitoring	: 11:30 Hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.33
Volume of air sampled, m ³	: 1786.85
Avg. Ambient Temperature, °C	: 38

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(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	7.13
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	13.25
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	103.65
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	46.72


Saurabh Sharma
27-06-2022
Reviewer


27-06-2022
PremKumar
[Authorized Signatory]

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Test Report

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Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2206211031 Sample Reg. Date :21-06-2022 Report Date :27-06-2022 Report No. :ICE-2206271092 NABL ULR No. :TC592622000009230F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

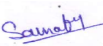
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	25.12
f.	Lead(As Pb),µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	1.5
h.	Ammonia(NH ₃),µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	30.48
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)-2017	5 Max	BLQ(LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	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
27-06-2022
Reviewer


27-06-2022
PremKumar
[Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.
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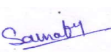
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2206211033 Sample Reg. Date :21-06-2022 Report Date :27-06-2022 Report No. :ICE-2206271094 NABL ULR No. :TC592622000009235F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Village-Khanpur
Date of Monitoring	: 16-06-2022
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	: 1811.94
Avg. Ambient Temperature,°C	: 36

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(SO ₂),µg/m ³	IS:5182(P-2)	80 Max	6.12
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS:5182(P-6)	80 Max	19.45
c.	Particulate Matter (PM ₁₀),µg/m ³	IS:5182(P-23)	100 Max	109.16
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW-01	60 Max	56.40


Saurabh Sharma
27-06-2022
Reviewer


27-06-2022
PremKumar
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2206211033 Sample Reg. Date :21-06-2022 Report Date :27-06-2022 Report No. :ICE-2206271094 NABL ULR No. :TC592622000009235F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

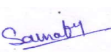
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	22.08
f.	Lead(As Pb),µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	BLQ(LOQ:1.0)
h.	Ammonia(NH ₃),µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	24.27
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)-2017	5 Max	BLQ(LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	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
27-06-2022
Reviewer


27-06-2022
PremKumar
[Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.
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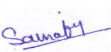
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. : E01-2206211034 Sample Reg. Date : 21-06-2022 Report Date : 27-06-2022 Report No. : ICE-2206271095 NABL ULR No. : TC592622000009257F Customer Ref. No. : Order No.5030010814 Letter Dated : 29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Shakti Vihar
Date of Monitoring	: 16-06-2022
Time of Monitoring	: 11:50 Hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.34
Volume of air sampled, m ³	: 1800.29
Avg. Ambient Temperature, °C	: 38

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(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	8.15
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	17.27
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	89.43
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	42.09


Saurabh Sharma
27-06-2022
Reviewer


27-06-2022
PremKumar
[Authorized Signatory]

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Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2206211034 Sample Reg. Date :21-06-2022 Report Date :27-06-2022 Report No. :ICE-2206271095 NABL ULR No. :TC592622000009257F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

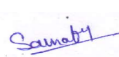
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	22.65
f.	Lead(As Pb),µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	BLQ(LOQ:1.0)
h.	Ammonia(NH ₃),µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	27.34
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)-2017	5 Max	BLQ(LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	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
27-06-2022
Reviewer


27-06-2022
PremKumar
[Authorized Signatory]

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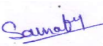
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2206271304 Sample Reg. Date :27-06-2022 Report Date :11-07-2022 Report No. :ICE-2207110173 NABL ULR No. :TC592622000009749F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Gate No.3
Date of Monitoring	: 20-06-2022
Time of Monitoring	: 11:00 Hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.34
Volume of air sampled,m3	: 1835.70
Avg. Ambient Temperature,°C	: 32

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(SO ₂),µg/m ³	IS:5182(P-2)	80 Max	7.39
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS:5182(P-6)	80 Max	22.65
c.	Particulate Matter (PM ₁₀),µg/m ³	IS:5182(P-23)	100 Max	101.25
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW-01	60 Max	43.52


Saurabh Sharma
11-07-2022
Reviewer


11-07-2022
PremKumar
[Authorized Signatory]

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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2206271304 Sample Reg. Date :27-06-2022 Report Date :11-07-2022 Report No. :ICE-2207110173 NABL ULR No. :TC592622000009749F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

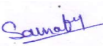
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	22.68
f.	Lead(As Pb),µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	1.4
h.	Ammonia(NH ₃),µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	25.25
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)-2017	5 Max	BLQ(LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	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
11-07-2022
Reviewer


11-07-2022
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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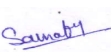
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. : E01-2206271303 Sample Reg. Date : 27-06-2022 Report Date : 11-07-2022 Report No. : ICE-2207110172 NABL ULR No. : TC592622000009748F Customer Ref. No. : Order No.5030010814 Letter Dated : 29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Block C-3
Date of Monitoring	: 20-06-2022
Time of Monitoring	: 11:30 Hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.33
Volume of air sampled, m ³	: 1816.05
Avg. Ambient Temperature, °C	: 33

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(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	8.25
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	13.65
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	109.65
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	50.35


Saurabh Sharma
11-07-2022
Reviewer


11-07-2022
PremKumar
[Authorized Signatory]

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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2206271303 Sample Reg. Date :27-06-2022 Report Date :11-07-2022 Report No. :ICE-2207110172 NABL ULR No. :TC592622000009748F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

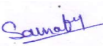
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	26.87
f.	Lead(As Pb),µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	1.1
h.	Ammonia(NH ₃),µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	30.65
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)-2017	5 Max	BLQ(LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	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
11-07-2022
Reviewer


11-07-2022
PremKumar
[Authorized Signatory]

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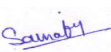
Test Report

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Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2206271305 Sample Reg. Date :27-06-2022 Report Date :11-07-2022 Report No. :ICE-2207110175 NABL ULR No. :TC592622000009750F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Village-Khanpur
Date of Monitoring	: 20-06-2022
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	: 1806.09
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(SO ₂),µg/m ³	IS:5182(P-2)	80 Max	13.25
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS:5182(P-6)	80 Max	27.20
c.	Particulate Matter (PM ₁₀),µg/m ³	IS:5182(P-23)	100 Max	120.50
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW-01	60 Max	53.26


Saurabh Sharma
11-07-2022
Reviewer


11-07-2022
PremKumar
[Authorized Signatory]

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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2206271305 Sample Reg. Date :27-06-2022 Report Date :11-07-2022 Report No. :ICE-2207110175 NABL ULR No. :TC592622000009750F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

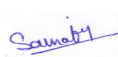
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	26.25
f.	Lead(As Pb),µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	1.4
h.	Ammonia(NH ₃),µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	32.70
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)-2017	5 Max	BLQ(LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	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
11-07-2022
Reviewer


11-07-2022
PremKumar
[Authorized Signatory]

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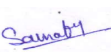
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2206271306 Sample Reg. Date :27-06-2022 Report Date :11-07-2022 Report No. :ICE-2207110174 NABL ULR No. :TC592622000009751F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Shakti Vihar
Date of Monitoring	: 20-06-2022
Time of Monitoring	: 11:50 Hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.34
Volume of air sampled,m3	: 1817.82
Avg. Ambient Temperature,°C	: 35

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	8.12
b.	Nitrogen Dioxide(NO2),µg/m3	IS:5182(P-6)	80 Max	13.26
c.	Particulate Matter (PM10),µg/m3	IS:5182(P-23)	100 Max	92.36
d.	Particulate matter (PM 2.5),µg/m3	STP/ITC/EW-01	60 Max	35.25


Saurabh Sharma
11-07-2022
Reviewer


11-07-2022
PremKumar
[Authorized Signatory]

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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2206271306 Sample Reg. Date :27-06-2022 Report Date :11-07-2022 Report No. :ICE-2207110174 NABL ULR No. :TC592622000009751F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

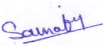
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	22.65
f.	Lead(As Pb),µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	BLQ(LOQ:1.0)
h.	Ammonia(NH ₃),µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	24.65
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)-2017	5 Max	BLQ(LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	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
11-07-2022
Reviewer


11-07-2022
PremKumar
[Authorized Signatory]

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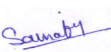
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2206271308 Sample Reg. Date :27-06-2022 Report Date :11-07-2022 Report No. :ICE-2207110177 NABL ULR No. :TC592622000009753F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Gate No.3
Date of Monitoring	: 23-06-2022
Time of Monitoring	: 11:00 Hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.34
Volume of air sampled,m3	: 1817.82
Avg. Ambient Temperature,°C	: 35

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(SO ₂),µg/m ³	IS:5182(P-2)	80 Max	10.25
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS:5182(P-6)	80 Max	19.68
c.	Particulate Matter (PM ₁₀),µg/m ³	IS:5182(P-23)	100 Max	100.23
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW-01	60 Max	42.35


Saurabh Sharma
11-07-2022
Reviewer


11-07-2022
PremKumar
[Authorized Signatory]

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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2206271308 Sample Reg. Date :27-06-2022 Report Date :11-07-2022 Report No. :ICE-2207110177 NABL ULR No. :TC592622000009753F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

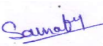
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	28.36
f.	Lead(As Pb),µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	1.3
h.	Ammonia(NH ₃),µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	34.68
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)-2017	5 Max	BLQ(LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	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
11-07-2022
Reviewer


11-07-2022
PremKumar
[Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.
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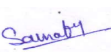
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2206271307 Sample Reg. Date :27-06-2022 Report Date :11-07-2022 Report No. :ICE-2207110176 NABL ULR No. :TC592622000009752F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Block C-6
Date of Monitoring	: 23-06-2022
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	: 1804.25
Avg. Ambient Temperature,°C	: 35

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(SO ₂),µg/m ³	IS:5182(P-2)	80 Max	6.35
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS:5182(P-6)	80 Max	9.65
c.	Particulate Matter (PM ₁₀),µg/m ³	IS:5182(P-23)	100 Max	83.52
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW-01	60 Max	35.65


Saurabh Sharma
11-07-2022
Reviewer


11-07-2022
PremKumar
[Authorized Signatory]

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Test Report

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Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2206271307 Sample Reg. Date :27-06-2022 Report Date :11-07-2022 Report No. :ICE-2207110176 NABL ULR No. :TC592622000009752F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

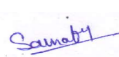
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	23.65
f.	Lead(As Pb),µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	1.2
h.	Ammonia(NH ₃),µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	30.65
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)-2017	5 Max	BLQ(LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	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
11-07-2022
Reviewer


11-07-2022
PremKumar
[Authorized Signatory]

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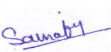
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. : E01-2206271309 Sample Reg. Date : 27-06-2022 Report Date : 11-07-2022 Report No. : ICE-2207110178 NABL ULR No. : TC592622000009754F Customer Ref. No. : Order No.5030010814 Letter Dated : 29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Village-Khanpur
Date of Monitoring	: 23-06-2022
Time of Monitoring	: 10:30 Hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.33
Volume of air sampled, m ³	: 1810.13
Avg. Ambient Temperature, °C	: 34

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(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	7.00
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	13.30
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	108.26
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	45.45


Saurabh Sharma
11-07-2022
Reviewer


11-07-2022
Prem Kumar
[Authorized Signatory]

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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2206271309 Sample Reg. Date :27-06-2022 Report Date :11-07-2022 Report No. :ICE-2207110178 NABL ULR No. :TC592622000009754F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

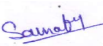
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	21.25
f.	Lead(As Pb),µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	1.5
h.	Ammonia(NH ₃),µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	25.25
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)-2017	5 Max	BLQ(LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	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
11-07-2022
Reviewer


11-07-2022
PremKumar
[Authorized Signatory]

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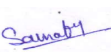
Test Report

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Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. : E01-2206271310 Sample Reg. Date : 27-06-2022 Report Date : 11-07-2022 Report No. : ICE-2207110179 NABL ULR No. : TC592622000009755F Customer Ref. No. : Order No.5030010814 Letter Dated : 29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Shakti Vihar
Date of Monitoring	: 23-06-2022
Time of Monitoring	: 11:50 Hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.34
Volume of air sampled, m ³	: 1811.94
Avg. Ambient Temperature, °C	: 36

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(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	7.70
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	13.25
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	96.35
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	50.35


Saurabh Sharma
11-07-2022
Reviewer


11-07-2022
PremKumar
[Authorized Signatory]

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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2206271310 Sample Reg. Date :27-06-2022 Report Date :11-07-2022 Report No. :ICE-2207110179 NABL ULR No. :TC592622000009755F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

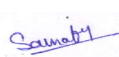
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	22.36
f.	Lead(As Pb),µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	BLQ(LOQ:1.0)
h.	Ammonia(NH ₃),µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	26.75
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)-2017	5 Max	BLQ(LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	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
11-07-2022
Reviewer


11-07-2022
PremKumar
[Authorized Signatory]

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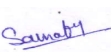
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Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2206301501 Sample Reg. Date :30-06-2022 Report Date :11-07-2022 Report No. :ICE-2207110183 NABL ULR No. :TC592622000009745F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Gate No.3
Date of Monitoring	: 27-06-2022
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	: 1794.51
Avg. Ambient Temperature,°C	: 39

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(SO ₂),µg/m ³	IS:5182(P-2)	80 Max	11.38
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS:5182(P-6)	80 Max	24.65
c.	Particulate Matter (PM ₁₀),µg/m ³	IS:5182(P-23)	100 Max	113.25
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW-01	60 Max	56.50


Saurabh Sharma
11-07-2022
Reviewer


11-07-2022
PremKumar
[Authorized Signatory]

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2206301501 Sample Reg. Date :30-06-2022 Report Date :11-07-2022 Report No. :ICE-2207110183 NABL ULR No. :TC592622000009745F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

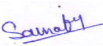
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	23.36
f.	Lead(As Pb),µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	1.3
h.	Ammonia(NH ₃),µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	32.28
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)-2017	5 Max	BLQ(LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	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
11-07-2022
Reviewer


11-07-2022
PremKumar
[Authorized Signatory]

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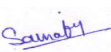
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. : E01-2206301500 Sample Reg. Date : 30-06-2022 Report Date : 11-07-2022 Report No. : ICE-2207110182 NABL ULR No. : TC592622000009743F Customer Ref. No. : Order No.5030010814 Letter Dated : 29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Block C-3
Date of Monitoring	: 27-06-2022
Time of Monitoring	: 11:50 Hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.34
Volume of air sampled, m ³	: 1794.51
Avg. Ambient Temperature, °C	: 39

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(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	10.10
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	19.36
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	103.25
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	52.36


Saurabh Sharma
11-07-2022
Reviewer


11-07-2022
PremKumar
[Authorized Signatory]

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Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2206301500 Sample Reg. Date :30-06-2022 Report Date :11-07-2022 Report No. :ICE-2207110182 NABL ULR No. :TC592622000009743F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

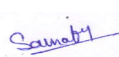
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	21.36
f.	Lead(As Pb),µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	1.3
h.	Ammonia(NH ₃),µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	27.52
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)-2017	5 Max	BLQ(LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	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
11-07-2022
Reviewer


11-07-2022
PremKumar
[Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.
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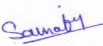
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2206301502 Sample Reg. Date :30-06-2022 Report Date :11-07-2022 Report No. :ICE-2207110195 NABL ULR No. :TC592622000009746F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Village-Khanpur
Date of Monitoring	: 27-06-2022
Time of Monitoring	: 11:00 Hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.34
Volume of air sampled,m3	: 1800.29
Avg. Ambient Temperature,°C	: 38

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	10.12
b.	Nitrogen Dioxide(NO2),µg/m3	IS:5182(P-6)	80 Max	25.36
c.	Particulate Matter (PM10),µg/m3	IS:5182(P-23)	100 Max	126.36
d.	Particulate matter (PM 2.5),µg/m3	STP/ITC/EW-01	60 Max	62.30


Saurabh Sharma
11-07-2022
Reviewer


11-07-2022
PremKumar
[Authorized Signatory]

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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2206301502 Sample Reg. Date :30-06-2022 Report Date :11-07-2022 Report No. :ICE-2207110195 NABL ULR No. :TC592622000009746F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

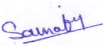
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	28.25
f.	Lead(As Pb),µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	1.4
h.	Ammonia(NH ₃),µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	35.26
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)-2017	5 Max	BLQ(LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	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
11-07-2022
Reviewer


11-07-2022
PremKumar
[Authorized Signatory]

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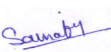
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. : E01-2206301503 Sample Reg. Date : 30-06-2022 Report Date : 11-07-2022 Report No. : ICE-2207110184 NABL ULR No. : TC592622000009747F Customer Ref. No. : Order No.5030010814 Letter Dated : 29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Shakti Vihar
Date of Monitoring	: 27-06-2022
Time of Monitoring	: 12:10 Hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.33
Volume of air sampled, m ³	: 1775.43
Avg. Ambient Temperature, °C	: 40

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(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	6.12
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	13.26
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	94.58
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	40.25


Saurabh Sharma
11-07-2022
Reviewer


11-07-2022
PremKumar
[Authorized Signatory]

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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2206301503 Sample Reg. Date :30-06-2022 Report Date :11-07-2022 Report No. :ICE-2207110184 NABL ULR No. :TC592622000009747F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

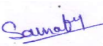
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	21.36
f.	Lead(As Pb),µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	BLQ(LOQ:1.0)
h.	Ammonia(NH ₃),µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	23.65
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)-2017	5 Max	BLQ(LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	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
11-07-2022
Reviewer


11-07-2022
PremKumar
[Authorized Signatory]

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86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)
Panchkula-134109 (Haryana)
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2206060274 Sample Reg. Date :06-06-2022 Report Date :13-06-2022 Report No. :ICE-2206130502 NABL ULR No. :TC592622000008505F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020
Test Report as per :	: EPA Act 1986/PCLS/2010
Sampling Information :	
Date of Monitoring	: 03-06-2022
Time of Monitoring	: 16:50 to 17:12 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 & 392 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
Observations :	

Saurabh Sharma
Saurabh Sharma
13-06-2022
Reviewer

PremKumar
13-06-2022
PremKumar
[Authorized Signatory]

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Test Report

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Page 2 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2206060274 Sample Reg. Date :06-06-2022 Report Date :13-06-2022 Report No. :ICE-2206130502 NABL ULR No. :TC592622000008505F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

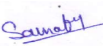
Flue Gas Temperature, °C,Avg.	: 53
Flue Gas Velocity(m/s),Avg.	: 26.62
Volumetric Flow Rate(Nm ³ /hr.)	: 3209962.26
Ambient Air Temperature, °C	: 41

S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	General Parameters			
a.	Particulate Matter, mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-1)	Max. 50	27.37
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-2)	Max. 200	147.38
c.	Oxides of Nitrogen (NO _x), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-7)	Max. 450	267.19
d.	Mercury(As Hg),mg/Nm ³	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 : 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 03.06.2022, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A


Saurabh Sharma
13-06-2022
Reviewer


13-06-2022
PremKumar
[Authorized Signatory]

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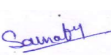
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Page 3 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2206060274 Sample Reg. Date :06-06-2022 Report Date :13-06-2022 Report No. :ICE-2206130502 NABL ULR No. :TC592622000008505F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

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


Saurabh Sharma
13-06-2022
Reviewer


13-06-2022
PremKumar
[Authorized Signatory]

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2206060276 Sample Reg. Date :06-06-2022 Report Date :13-06-2022 Report No. :ICE-2206130505 NABL ULR No. :TC592622000008504F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020
Test Report as per :	: EPA Act 1986/PCLS/2010
Sampling Information :	
Date of Monitoring	: 03-06-2022
Time of Monitoring	: 16:20 to 16:43 hrs
Name of the emission source monitored	: Stack Emission of Boiler
(a) Rated Capacity	: 660 MW
(b) Capacity on sampling day	: 643 MW
(c) Type of fuel used & its consumption	: Coal & 397 Ton/hrs
(d) Normal operating schedule	: 24 hrs
2. Stack Identification	: Stack attached to Boiler, Unit-2 (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
Observations :	

Saurabh Sharma
13-06-2022
Reviewer

13-06-2022
PremKumar
[Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2206060276 Sample Reg. Date :06-06-2022 Report Date :13-06-2022 Report No. :ICE-2206130505 NABL ULR No. :TC592622000008504F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

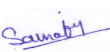
Flue Gas Temperature, °C,Avg.	: 51
Flue Gas Velocity(m/s),Avg.	: 24.79
Volumetric Flow Rate(Nm ³ /hr.)	: 3011899.20
Ambient Air Temperature, °C	: 41

S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	General Parameters			
a.	Particulate Matter, mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-1)	Max. 50	29.20
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-2)	Max. 200	153.70
c.	Oxides of Nitrogen (NO _x), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-7)	Max. 450	264.51
d.	Mercury(As Hg),mg/Nm ³	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 : 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 03.06.2022, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A


Saurabh Sharma
13-06-2022
Reviewer


13-06-2022
PremKumar
[Authorized Signatory]

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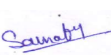
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*****End Of Report*****


Saurabh Sharma
13-06-2022
Reviewer


13-06-2022
PremKumar
[Authorized Signatory]

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2206140692 Sample Reg. Date :14-06-2022 Report Date :16-06-2022 Report No. :ICE-2206160632 NABL ULR No. :TC592622000008768F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: EPA Act 1986/PCLS/2010
Sampling Information :	
Date of Monitoring	: 10-06-2022
Time of Monitoring	: 10:00 to 10:24 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 & 265 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)	: 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 :	

Saurabh Sharma
Saurabh Sharma
16-06-2022
Reviewer

PremKumar
16-06-2022
PremKumar
[Authorized Signatory]

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Test Report

Document QF : 2501
Page 2 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2206140692
	Sample Reg. Date :14-06-2022
	Report Date :16-06-2022
	Report No. :ICE-2206160632
	NABL ULR No. :TC592622000008768F
	Customer Ref. No. :Order No.5030010814
	Letter Dated :29.10.2020

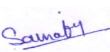
Flue Gas Temperature, °C,Avg.	: 59
Flue Gas Velocity(m/s),Avg.	: 24.35
Volumetric Flow Rate(Nm ³ /hr.)	: 2915028.95
Ambient Air Temperature, °C	: 39

S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	General Parameters			
a.	Particulate Matter, mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-1)	Max. 50	27.23
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-2)	Max. 200	162.39
c.	Oxides of Nitrogen (NO _x), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-7)	Max. 450	219.80
d.	Mercury(As Hg),mg/Nm ³	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 10.06.2022, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A


Saurabh Sharma
16-06-2022
Reviewer


16-06-2022
PremKumar
[Authorized Signatory]

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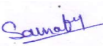
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Test Report

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


Saurabh Sharma
16-06-2022
Reviewer


16-06-2022
PremKumar
[Authorized Signatory]

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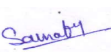
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Test Report

Document QF : 2501
Page 1 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2206140693 Sample Reg. Date :14-06-2022 Report Date :16-06-2022 Report No. :ICE-2206160633 NABL ULR No. :TC592622000008772F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: EPA Act 1986/PCLS/2010
Sampling Information :	
Date of Monitoring	: 10-06-2022
Time of Monitoring	: 10:30 to 10:54 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 & 262 Ton/hrs
(d) Normal operating schedule	: 24 Hrs
2. Stack Identification	: Stack attached to Boiler, Unit-2 (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 :	


Saurabh Sharma
16-06-2022
Reviewer


16-06-2022
PremKumar
[Authorized Signatory]

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2206140693 Sample Reg. Date :14-06-2022 Report Date :16-06-2022 Report No. :ICE-2206160633 NABL ULR No. :TC592622000008772F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

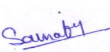
Flue Gas Temperature, °C,Avg.	: 52
Flue Gas Velocity(m/s),Avg.	: 24.19
Volumetric Flow Rate(Nm ³ /hr.)	: 2958247.44
Ambient Air Temperature, °C	: 39

S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	General Parameters			
a.	Particulate Matter, mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-1)	Max. 50	30.55
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-2)	Max. 200	180.49
c.	Oxides of Nitrogen (NO _x), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-7)	Max. 450	235.09
d.	Mercury(As Hg),mg/Nm ³	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	4.9

'#' 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 10.06.2022, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A


Saurabh Sharma
16-06-2022
Reviewer


16-06-2022
PremKumar
[Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)
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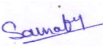
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Page 3 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2206140693 Sample Reg. Date :14-06-2022 Report Date :16-06-2022 Report No. :ICE-2206160633 NABL ULR No. :TC592622000008772F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

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


Saurabh Sharma
16-06-2022
Reviewer


16-06-2022
PremKumar
[Authorized Signatory]

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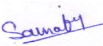
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2206211021 Sample Reg. Date :21-06-2022 Report Date :25-06-2022 Report No. :ICE-2206251068 NABL ULR No. :TC592622000009139F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: EPA Act 1986/PCLS/2010
Sampling Information :	
Date of Monitoring	: 17-06-2022
Time of Monitoring	: 09:30 to 09:55 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 & 220 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)	: 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
Observations :	


Saurabh Sharma
25-06-2022
Reviewer


25-06-2022
PremKumar
[Authorized Signatory]

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Document QF : 2501
Page 2 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2206211021
	Sample Reg. Date :21-06-2022
	Report Date :25-06-2022
	Report No. :ICE-2206251068
	NABL ULR No. :TC592622000009139F
	Customer Ref. No. :Order No.5030010814
	Letter Dated :29.10.2020

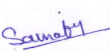
Flue Gas Temperature, °C,Avg.	: 61
Flue Gas Velocity(m/s),Avg.	: 23.02
Volumetric Flow Rate(Nm ³ /hr.)	: 2765503.42
Ambient Air Temperature, °C	: 36

S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	General Parameters			
a.	Particulate Matter, mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-1)	Max. 50	29.39
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-2)	Max. 200	131.22
c.	Oxides of Nitrogen (NO _x), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-7)	Max. 450	290.12
d.	Mercury(As Hg),mg/Nm ³	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, Requirement as per EPA Act 1986/PCLS/2010. Sample collected by lab rep. on dated 17.06.2022, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A


Saurabh Sharma
25-06-2022
Reviewer


25-06-2022
PremKumar
[Authorized Signatory]

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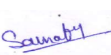
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2206211021 Sample Reg. Date :21-06-2022 Report Date :25-06-2022 Report No. :ICE-2206251068 NABL ULR No. :TC592622000009139F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

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


Saurabh Sharma
25-06-2022
Reviewer


25-06-2022
PremKumar
[Authorized Signatory]

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2206211023 Sample Reg. Date :21-06-2022 Report Date :27-06-2022 Report No. :ICE-2206271114 NABL ULR No. :TC592622000009262F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020
Test Report as per :	: EPA Act 1986/PCLS/2010
Sampling Information :	
Date of Monitoring	: 17-06-2022
Time of Monitoring	: 10:40 to 11:05 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 & 220 Ton/hrs
(d) Normal operating schedule	: 24 hrs
2. Stack Identification	: Stack attached to Boiler Unit-2 (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
Observations :	

Saurabh Sharma
27-06-2022
Reviewer

27-06-2022
PremKumar
[Authorized Signatory]

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2206211023
	Sample Reg. Date :21-06-2022
	Report Date :27-06-2022
	Report No. :ICE-2206271114
	NABL ULR No. :TC592622000009262F
	Customer Ref. No. :Order No.5030010814
	Letter Dated :29.10.2020

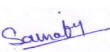
Flue Gas Temperature, °C,Avg.	: 57
Flue Gas Velocity(m/s),Avg.	: 23.30
Volumetric Flow Rate(Nm ³ /hr.)	: 2836903.81
Ambient Air Temperature, °C	: 38

S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	General Parameters			
a.	Particulate Matter, mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-1)	Max. 50	27.37
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-2)	Max. 200	123.51
c.	Oxides of Nitrogen (NO _x), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-7)	Max. 450	329.95
d.	Mercury(As Hg),mg/Nm ³	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 : 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 17.06.2022, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A


Saurabh Sharma
27-06-2022
Reviewer


27-06-2022
PremKumar
[Authorized Signatory]

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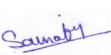
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Test Report

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2206211023 Sample Reg. Date :21-06-2022 Report Date :27-06-2022 Report No. :ICE-2206271114 NABL ULR No. :TC592622000009262F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

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


Saurabh Sharma
27-06-2022
Reviewer


27-06-2022
PremKumar
[Authorized Signatory]

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2206251240 Sample Reg. Date :25-06-2022 Report Date :02-07-2022 Report No. :ICE-2207020099 NABL ULR No. :TC592622000009602F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020
Test Report as per :	: EPA Act 1986/PCLS/2010
Sampling Information :	
Date of Monitoring	: 24-06-2022
Time of Monitoring	: 10:10 to 10:39 hrs
Name of the emission source monitored	: Stack Emission of Boiler
(a) Rated Capacity	: 660 MW
(b) Capacity on sampling day	: 395 MW
(c) Type of fuel used & its consumption	: Coal & 275 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)	: 29
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 :	

Saurabh Sharma
Saurabh Sharma
02-07-2022
Reviewer

PremKumar
02-07-2022
PremKumar
[Authorized Signatory]

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Document QF : 2501
Page 2 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2206251240 Sample Reg. Date :25-06-2022 Report Date :02-07-2022 Report No. :ICE-2207020099 NABL ULR No. :TC592622000009602F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Flue Gas Temperature, °C,Avg.	: 57
Flue Gas Velocity(m/s),Avg.	: 20.07
Volumetric Flow Rate(Nm ³ /hr.)	: 2407309.17
Ambient Air Temperature, °C	: 32

S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	General Parameters			
a.	Particulate Matter, mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-1)	Max. 50	27.24
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-2)	Max. 200	100.35
c.	Oxides of Nitrogen (NO _x), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-7)	Max. 450	161.40
d.	Mercury(As Hg),mg/Nm ³	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	5.9

'#' 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 24.06.2022, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A

Saurabh
Saurabh Sharma
02-07-2022
Reviewer

PremKumar
02-07-2022
PremKumar
[Authorized Signatory]

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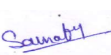
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Test Report

Document QF : 2501
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*****End Of Report*****


Saurabh Sharma
02-07-2022
Reviewer


02-07-2022
PremKumar
[Authorized Signatory]

Disclaimer :

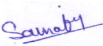
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Test Report

Document QF : 2501
Page 1 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2206251241 Sample Reg. Date :25-06-2022 Report Date :02-07-2022 Report No. :ICE-2207020100 NABL ULR No. :TC592622000009586F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: EPA Act 1986/PCLS/2010
Sampling Information :	
Date of Monitoring	: 24-06-2022
Time of Monitoring	: 11:00 to 11:27 hrs
Name of the emission source monitored	: Stack Emission of Boiler
(a) Rated Capacity	: 660 MW
(b) Capacity on sampling day	: 395 MW
(c) Type of fuel used & its consumption	: Coal & 290 Ton/hrs
(d) Normal operating schedule	: 24 hrs
2. Stack Identification	: Stack attached to Boiler, Unit-2 (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)	: 27
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 :	


Saurabh Sharma
02-07-2022
Reviewer


02-07-2022
PremKumar
[Authorized Signatory]

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Test Report

Document QF : 2501
Page 2 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2206251241 Sample Reg. Date :25-06-2022 Report Date :02-07-2022 Report No. :ICE-2207020100 NABL ULR No. :TC592622000009586F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

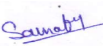
Flue Gas Temperature, °C,Avg.	: 54
Flue Gas Velocity(m/s),Avg.	: 21.21
Volumetric Flow Rate(Nm ³ /hr.)	: 2567387.09
Ambient Air Temperature, °C	: 32

S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	General Parameters			
a.	Particulate Matter, mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-1)	Max. 50	25.38
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-2)	Max. 200	130.44
c.	Oxides of Nitrogen (NO _x), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-7)	Max. 450	304.81
d.	Mercury(As Hg),mg/Nm ³	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	5.3

'#' 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 24.06.2022, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A


Saurabh Sharma
02-07-2022
Reviewer


02-07-2022
PremKumar
[Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)
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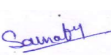
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Document QF : 2501
Page 3 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2206251241 Sample Reg. Date :25-06-2022 Report Date :02-07-2022 Report No. :ICE-2207020100 NABL ULR No. :TC592622000009586F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

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


Saurabh Sharma
02-07-2022
Reviewer


02-07-2022
PremKumar
[Authorized Signatory]

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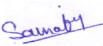
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Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2206140694 Sample Reg. Date :14-06-2022 Report Date :25-06-2022 Report No. :ICE-2206250995 (1) NABL ULR No. :TC592622000009149F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: EPA Act 1986/PCLS/2010
Sampling Information :	
Date of Monitoring	: 10-06-2022
Time of Monitoring	: 12:30 to 12:48 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-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)	: 18
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
Observations :	


Saurabh Sharma
25-06-2022
Reviewer


25-06-2022
PremKumar
[Authorized Signatory]

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Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2206140694 Sample Reg. Date :14-06-2022 Report Date :25-06-2022 Report No. :ICE-2206250995 (1) NABL ULR No. :TC592622000009149F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Flue Gas Temperature, °C,Avg.	: 310
Flue Gas Velocity(m/s),Avg.	: 25.53
Volumetric Flow Rate(Nm ³ /hr.)	: 5683.14
Ambient Air Temperature, °C	: 43

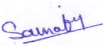
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	General Parameters			
a.	Particulate Matter,mg/Nm ³ (Corrected at 15 % O ₂)	IS:11255(P-1)	Max. 75	42.42
b.	Carbon Monoxide(CO),mg/Nm ³ (Corrected at 15 % O ₂)	IS:13270	Max. 150	87
c.	Oxides of Nitrogen NO _x (as NO ₂), ppmv (at 15% O ₂), dry basis	IS:11255(P-7)	Max. 710	369.50
d.	Sulphur Dioxide(SO ₂),mg/Nm ³	IS:11255(P-2)	Not Specified	11.76

'*' represents categories/test parameters not covered under NABL '#' represents Customer Defined Fields

NOTE : NA- Not Applicable, Requirements as per EPA Act 1986/PCLS/2010 , Sample collected by lab rep. on dated 10.06.2022, Sampling Procedure - SOP/ITC/EW/056

REMARKS : N/A

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


Saurabh Sharma
25-06-2022
Reviewer


25-06-2022
PremKumar
[Authorized Signatory]

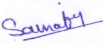
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2206140694 Sample Reg. Date :14-06-2022 Report Date :25-06-2022 Report No. :ICE-2206250995 (2) Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020
Test Report as per :	: EPA Act 1986/PCLS/2010
Sampling Information :	
Date of Monitoring	: 10-06-2022
Time of Monitoring	: 12:30 to 12:48 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-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)	: 18
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
Observations :	
Flue Gas Temperature, °C,Avg.	: 310
Flue Gas Velocity(m/s),Avg.	: 25.53


Saurabh Sharma
25-06-2022
Reviewer


25-06-2022
PremKumar
[Authorized Signatory]

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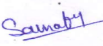
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar		Sample Reg. No. :E01-2206140694 Sample Reg. Date :14-06-2022 Report Date :25-06-2022 Report No. :ICE-2206250995 (2) Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020		
Volumetric Flow Rate(Nm ³ /hr.)		: 5683.14		
Ambient Air Temperature, °C		: 43		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	General Parameters			
a.	Non Methane Hydrocarbon,mg/Nm3(Corrected at 15 % O2)	IS:13270	Max. 100	43

'#' represents Customer Defined Fields

NOTE : NA- Not Applicable, Requirements as per EPA Act 1986/PCLS/2010 , Sample collected by lab rep. on dated 10.06.2022, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A

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


Saurabh Sharma
25-06-2022
Reviewer


25-06-2022
PremKumar
[Authorized Signatory]

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Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2206140695 Sample Reg. Date :14-06-2022 Report Date :25-06-2022 Report No. :ICE-2206250996 (1) NABL ULR No. :TC592622000009189F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020
Test Report as per :	: EPA Act 1986/PCLS/2010
Sampling Information :	
Date of Monitoring	: 10-06-2022
Time of Monitoring	: 13:00 to 13:18 hrs
Name of the emission source monitored	: Stack Emission of DG Set
(a) Rated Capacity	: 1600 kVA
(b) Capacity on sampling day	: 85 5%
(c) Type of fuel used & its consumption	: HSD & 372 ltr/hrs
(d) Normal operating schedule	: As Required
2. Stack Identification	: Stack attached to DG Set-2 (1600 kVA) Engine No. 16386
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)	: 18
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
Observations :	

Saurabh Sharma
Saurabh Sharma
25-06-2022
Reviewer

PremKumar
25-06-2022
PremKumar
[Authorized Signatory]

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Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2206140695 Sample Reg. Date :14-06-2022 Report Date :25-06-2022 Report No. :ICE-2206250996 (1) NABL ULR No. :TC592622000009189F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Flue Gas Temperature, °C,Avg.	: 301
Flue Gas Velocity(m/s),Avg.	: 25.26
Volumetric Flow Rate(Nm ³ /hr.)	: 5711.20
Ambient Air Temperature, °C	: 43

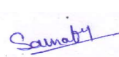
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	General Parameters			
a.	Particulate Matter,mg/Nm ³ (Corrected at 15 % O ₂)	IS:11255(P-1)	Max. 75	40.27
b.	Carbon Monoxide(CO),mg/Nm ³ (Corrected at 15 % O ₂)	IS:13270	Max. 150	82
c.	Oxides of Nitrogen NO _x (as NO ₂), ppmv (at 15% O ₂), dry basis	IS:11255(P-7)	Max. 710	396.12
d.	Sulphur Dioxide(SO ₂),mg/Nm ³	IS:11255(P-2)	Not Specified	11.76

'*' represents categories/test parameters not covered under NABL '#' represents Customer Defined Fields

NOTE : NA- Not Applicable, Requirements as per EPA Act 1986/PCLS/2010 , Sample collected by lab rep. on dated 10.06.2022, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A

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


Saurabh Sharma
25-06-2022
Reviewer


25-06-2022
PremKumar
[Authorized Signatory]

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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2206140695 Sample Reg. Date :14-06-2022 Report Date :25-06-2022 Report No. :ICE-2206250996 (2) Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020
Test Report as per :	: EPA Act 1986/PCLS/2010
Sampling Information :	
Date of Monitoring	: 10-06-2022
Time of Monitoring	: 13:00 to 13:18 hrs
Name of the emission source monitored	: Stack Emission of DG Set
(a) Rated Capacity	: 1600 kVA
(b) Capacity on sampling day	: 85 5%
(c) Type of fuel used & its consumption	: HSD & 372 ltr/hrs
(d) Normal operating schedule	: As Required
2. Stack Identification	: Stack attached to DG Set-2 (1600 kVA) Engine No. 16386
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)	: 18
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
Observations :	
Flue Gas Temperature, °C,Avg.	: 301
Flue Gas Velocity(m/s),Avg.	: 25.26

Saurabh
Saurabh Sharma
25-06-2022
Reviewer

Prem Kumar
25-06-2022
PremKumar
[Authorized Signatory]

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Test Report

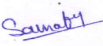
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Volumetric Flow Rate(Nm ³ /hr.)		: 5711.20		
Ambient Air Temperature, °C		: 43		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	General Parameters			
a.	Non Methane Hydrocarbon,mg/Nm3(Corrected at 15 % O2)	IS:13270	Max. 100	41

'#' represents Customer Defined Fields

NOTE : NA- Not Applicable, Requirements as per EPA Act 1986/PCLS/2010 , Sample collected by lab rep. on dated 10.06.2022, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A

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


Saurabh Sharma
25-06-2022
Reviewer


25-06-2022
PremKumar
[Authorized Signatory]

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Test Report

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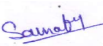
Page 1 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2206281351 Sample Reg. Date :28-06-2022 Report Date :11-07-2022 Report No. :ICE-2207110226 NABL ULR No. :TC592622000009758F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

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

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 can
m)	Date of Receipt	28-06-2022
n)	Date of Start	28-06-2022
o)	Date of Completion	11-07-2022
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample collected by lab rep. on 24.06.2022


Saurabh Sharma
11-07-2022
Reviewer


11-07-2022
PremKumar
[Authorized Signatory]

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Test Report

Document QF : 2501

Page 2 of 3

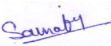
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2206281351 Sample Reg. Date :28-06-2022 Report Date :11-07-2022 Report No. :ICE-2207110226 NABL ULR No. :TC592622000009758F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

s)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
t)	Manufactured By [#]	NA
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
Discipline : Chemical				
Group : Pollution & Environment				
1. General Parameters				
a.	Colour	IS: 3025 (P-4)-2021		Greyish
b.	Odour	IS: 3025 (P-5)-2018		Mild
c.	pH Value	IS: 3025 (Part 11): 2017		7.99
d.	Total Suspended Solids,(mg/L)	IS 3025 (Part 17): 2017		84
e.	Total Dissolved Solids (mg/L)	IS 3025 (Part 16) : 2017	-	510
f.	Chemical Oxygen Demand(mg/L)	IS 3025 (Part 58) : 2017		240
g.	Bio-chemical Oxygen Demand, mg/L (3 days at 27°C)	IS 3025 (Part 44) : 2019		100
h.	Oil & Grease(mg/L)	IS 3025 (Part 39) : 2021		4.2


Saurabh Sharma
11-07-2022
Reviewer


11-07-2022
PremKumar
[Authorized Signatory]

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Test Report

Document QF : 2501

Page 3 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2206281351 Sample Reg. Date :28-06-2022 Report Date :11-07-2022 Report No. :ICE-2207110226 NABL ULR No. :TC592622000009758F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

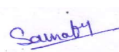
i.	Zinc(As Zn)(mg/L)	IS:3025 (Part-2): 2019	BLQ(LOQ:0.05)
j.	Arsenic(as As)(mg/L)	IS:3025 (Part-2): 2019	BLQ(LOQ:0.05)
k.	Total Chromium as Cr (mg/L)	IS:3025 (Part-2): 2019	BLQ(LOQ:0.05)
l.	Cyanide as CN,(mg/L)	IS 3025 (Part 27): 2019	Absent
m.	Iron(as Fe)(mg/L)	IS:3025 (Part-2): 2019	BLQ(LOQ:0.05)
n.	Temperature(°C)	IS 3025 (Part 9): 2017	25
o.	Free Residual Chlorine (mg/L)	IS: 3025 (P-26): 2021	BLQ(LOQ: 1.0)
p.	Phosphate as P (mg/L)	APHA 23rd Edition 4500 - P D: 2017	0.24

'#' 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
11-07-2022
Reviewer


11-07-2022
PremKumar
[Authorized Signatory]

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Test Report

Document QF : 2501

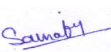
Page 1 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2206281353 Sample Reg. Date :28-06-2022 Report Date :11-07-2022 Report No. :ICE-2207110240 NABL ULR No. :TC592622000009760F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

Test Report as per IS: EPA Act 1986/PCLS/2010	With Amendment No.(s):

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 can
m)	Date of Receipt	28-06-2022
n)	Date of Start	28-06-2022
o)	Date of Completion	11-07-2022
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample collected by lab rep. on 24.06.2022


Saurabh Sharma
11-07-2022
Reviewer


11-07-2022
PremKumar
[Authorized Signatory]

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Test Report

Document QF : 2501

Page 2 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2206281353 Sample Reg. Date :28-06-2022 Report Date :11-07-2022 Report No. :ICE-2207110240 NABL ULR No. :TC592622000009760F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

s)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
t)	Manufactured By [#]	NA
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
Discipline : Chemical				
Group : Pollution & Environment				
1. General Parameters				
a.	Colour	IS: 3025 (P-4)-2021	Not Specified	Colourless
b.	Odour	IS: 3025 (P-5)-2018	Not Specified	None
c.	pH Value	IS: 3025 (Part 11): 2017	5-9	8.04
d.	Total Suspended Solids,(mg/L)	IS 3025 (Part 17): 2017	Max. 100	20
e.	Total Dissolved Solids (mg/L)	IS 3025 (Part 16) : 2017	Max. 2100--	503
f.	Chemical Oxygen Demand(mg/L)	IS 3025 (Part 58) : 2017	Max. 250	11
g.	Bio-chemical Oxygen Demand, mg/L (3 days at 27°C)	IS 3025 (Part 44) : 2019	Max. 30	3
h.	Oil & Grease(mg/L)	IS 3025 (Part 39) : 2021	Max. 10	<4.0

Saurabh
Saurabh Sharma
11-07-2022
Reviewer

PremKumar
11-07-2022
PremKumar
[Authorized Signatory]

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Test Report

Document QF : 2501

Page 3 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2206281353 Sample Reg. Date :28-06-2022 Report Date :11-07-2022 Report No. :ICE-2207110240 NABL ULR No. :TC592622000009760F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

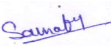
i.	Zinc(As Zn)(mg/L)	IS:3025 (Part-2): 2019	Max. 5.0	BLQ(LOQ:0.05)
j.	Arsenic(as As)(mg/L)	IS:3025 (Part-2): 2019	Max. 0.2	BLQ(LOQ:0.05)
k.	Total Chromium as Cr (mg/L)	IS:3025 (Part-2): 2019	Max. 2.0	BLQ(LOQ:0.05)
l.	Cyanide as CN,(mg/L)	IS 3025 (Part 27): 2019	Max. 0.2	Absent
m.	Iron(as Fe)(mg/L)	IS:3025 (Part-2): 2019	Max. 3.0	BLQ(LOQ:0.05)
n.	Bio Assay Test	IS: 6582 (Part-1): 2019	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 (Part 9): 2017		24
p.	Free Residual Chlorine (mg/L)	IS 3025 (Part 26) : 2021	Max. 1.0	BLQ(LOQ: 1.0)
q.	Phosphate as P (mg/L)	APHA 23rd Edition 4500 - P D: 2017	Max. 5.0	BLQ(LOQ: 0.003)

'#' 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
11-07-2022
Reviewer


11-07-2022
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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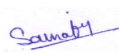
Page 1 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2206210995 Sample Reg. Date :21-06-2022 Report Date :28-06-2022 Report No. :ICE-2206281199 NABL ULR No. :TC592622000009324F Customer Ref. No.: Order No.5030010814 Letter Dated :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	21-06-2022
n)	Date of Start	21-06-2022
o)	Date of Completion	25-06-2022
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample collected by lab rep. on 17.06.2022


 Saurabh Sharma
 28-06-2022
 Reviewer


 28-06-2022
 PremKumar
 [Authorized Signatory]

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Test Report

Document QF : 2501

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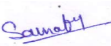
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2206210995 Sample Reg. Date :21-06-2022 Report Date :28-06-2022 Report No. :ICE-2206281199 NABL ULR No. :TC592622000009324F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

s) Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
t) Manufactured By [#]	NA
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
Discipline : Chemical				
Group : Pollution & Environment				
1. General Parameters				
a.	Colour	IS: 3025 (P-4)-2021		Yellowish
b.	Odour	IS: 3025 (P-5)-2018		Mild
c.	pH Value	IS: 3025 (Part 11): 2017		8.45
d.	Total Suspended Solids,(mg/L)	IS 3025 (Part 17): 2017		135
e.	Total Dissolved Solids (mg/L)	IS 3025 (Part 16) : 2017	-	687
f.	Chemical Oxygen Demand(mg/L)	IS 3025 (Part 58) : 2017		392
g.	Bio-chemical Oxygen Demand, mg/L (3 days at 27°C)	IS 3025 (Part 44) : 2019		138
h.	Oil & Grease(mg/L)	IS 3025 (Part 39) : 2021		13.6


Saurabh Sharma
28-06-2022
Reviewer


28-06-2022
PremKumar
[Authorized Signatory]

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Test Report

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Page 3 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2206210995 Sample Reg. Date :21-06-2022 Report Date :28-06-2022 Report No. :ICE-2206281199 NABL ULR No. :TC592622000009324F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

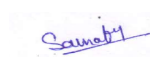
i.	Free Residual Chlorine (mg/L)	IS: 3025 (P-26): 2021		BLQ(LOQ:1.0)

'#' 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, Purpose - For Self Monitoring

REMARKS :N/A

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


Saurabh Sharma
28-06-2022
Reviewer


28-06-2022
PremKumar
[Authorized Signatory]

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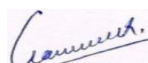
Page 1 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2206210996 Sample Reg. Date :21-06-2022 Report Date :29-06-2022 Report No. :ICE-2206291292 NABL ULR No. :TC592622000009409F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

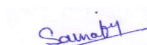
Test Report as per IS:NA	With Amendment No.(s):

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 #	1 Ltr
k)	Batch Size/Location #	NA
l)	Mode of Packing	Packed in bottle
m)	Date of Receipt	21-06-2022
n)	Date of Start	21-06-2022
o)	Date of Completion	28-06-2022
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample collected by lab rep. on 17.06.2022



29-06-2022
Gaurav Khandelwal
[Authorized Signatory]



Saurabh Sharma
29-06-2022
Reviewer



29-06-2022
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 2 of 3

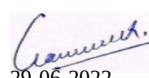
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2206210996 Sample Reg. Date :21-06-2022 Report Date :29-06-2022 Report No. :ICE-2206291292 NABL ULR No. :TC592622000009409F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

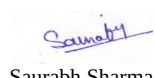
s)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
t)	Manufactured By [#]	NA
u)	Supplied By [#]	NA

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		Clear colourless liquid		
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Pollution & Environment				
1. General Parameters				
a.	Nitrate as NO ₃ (mg/L)	IS 3025 (Part 34) : 2019		BLQ(LOQ:1.0)
b.	Calcium(as Ca)(mg/L)	IS 3025 (Part 40): 2019	-	48
c.	Magnesium as Mg(mg/L)	IS: 3025 Part 46): 2019	-	12
d.	Sodium(as Na)(mg/L)	IS 3025(Part 45): 2019	-	28
e.	Potassium as K,(mg/L)	APHA 23rd Edition-3500K B: 2017		6
f.	Phosphate as PO ₄ (mg/L)	APHA 23rd Edition 4500 - P D: 2017		0.044
Discipline : Biological				


 29-06-2022
 Gaurav Khandelwal
 [Authorized Signatory]


 Saurabh Sharma
 29-06-2022
 Reviewer


 29-06-2022
 PremKumar
 [Authorized Signatory]

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Test Report

Document QF : 2501

Page 3 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2206210996 Sample Reg. Date :21-06-2022 Report Date :29-06-2022 Report No. :ICE-2206291292 NABL ULR No. :TC592622000009409F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

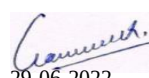
Group : Pollution & Environment				
1. Microbiological Tests				
a.	Faecal Coliforms, (MPN/100mL)	APHA-23 rd Edn 17-9221 F		920
b.	<i>E.coli</i> , (MPN/100mL)	APHA-23 rd Edn 17-9221 F		540
c.	Total Coliform (MPN/100ml)	APHA-23 rd Edn 17-9221 F		1600

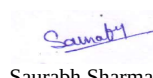
'#' represents Customer Defined Fields

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*****


 29-06-2022
 Gaurav Khandelwal
 [Authorized Signatory]


 Saurabh Sharma
 29-06-2022
 Reviewer


 29-06-2022
 PremKumar
 [Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.
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Test Report

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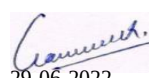
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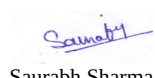
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2206210998 Sample Reg. Date :21-06-2022 Report Date :29-06-2022 Report No. :ICE-2206291293 NABL ULR No. :TC592622000009410F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

Test Report as per IS: EPA Act 1986/PCLS/2010	With Amendment No.(s):

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	21-06-2022
n)	Date of Start	21-06-2022
o)	Date of Completion	28-06-2022
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample collected by lab rep. on 17.06.2022


29-06-2022
Gaurav Khandelwal
[Authorized Signatory]


29-06-2022
Saurabh Sharma
Reviewer


29-06-2022
PremKumar
[Authorized Signatory]

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Test Report

Document QF : 2501

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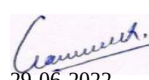
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2206210998 Sample Reg. Date :21-06-2022 Report Date :29-06-2022 Report No. :ICE-2206291293 NABL ULR No. :TC592622000009410F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

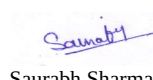
s)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
t)	Manufactured By [#]	NA
u)	Supplied By [#]	NA

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
Discipline : Chemical				
Group : Pollution & Environment				
1. General Parameters				
a.	Nitrate as NO ₃ (mg/L)	IS 3025 (Part 34) : 2019	Max. 10	BLQ(LOQ:1.0)
b.	Calcium(as Ca)(mg/L)	IS 3025 (Part 40): 2019	Not Specified	67
c.	Magnesium as Mg(mg/L)	IS: 3025 Part 46): 2019	Not Specified	20
d.	Sodium(as Na)(mg/L)	IS 3025(Part 45): 2019	Not Specified	53
e.	Potassium as K,(mg/L)	APHA 23rd Edition-3500K B: 2017	Not Specified	11
f.	Phosphate(as PO ₄), mg/L	APHA 23rd Edition 4500 - P D: 2017	Max. 5.0	BLQ(LOQ:0.003)
Discipline : Biological				


29-06-2022
Gaurav Khandelwal
[Authorized Signatory]


Saurabh Sharma
29-06-2022
Reviewer


29-06-2022
PremKumar
[Authorized Signatory]

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Test Report

Document QF : 2501

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2206210998 Sample Reg. Date :21-06-2022 Report Date :29-06-2022 Report No. :ICE-2206291293 NABL ULR No. :TC592622000009410F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

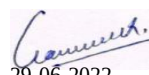
Group : Pollution & Environment				
1. Microbiological Tests				
a.	Faecal Coliform, MPN/100ml	APHA-23 rd Edn 17-9221 F	Max. 1000	<1.8
b.	E.coli, (MPN/100mL)	APHA 23rd Edn 17-9221 E	Not Specified	<1.8
c.	Total Coliform (MPN/100ml)	APHA-23 rd Edn 17-9221 F	Not Specified	21

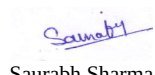
'#' represents Customer Defined Fields

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*****


 29-06-2022
 Gaurav Khandelwal
 [Authorized Signatory]


 Saurabh Sharma
 29-06-2022
 Reviewer


 29-06-2022
 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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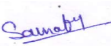
Page 1 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2206210997 Sample Reg. Date :21-06-2022 Report Date :28-06-2022 Report No. :ICE-2206281200 NABL ULR No. :TC592622000009338F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

Test Report as per IS: EPA Act 1986/PCLS/2010	With Amendment No.(s):

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	21-06-2022
n)	Date of Start	21-06-2022
o)	Date of Completion	25-06-2022
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample collected by lab rep. on 17.06.2022


Saurabh Sharma
28-06-2022
Reviewer


28-06-2022
PremKumar
[Authorized Signatory]

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Test Report

Document QF : 2501

Page 2 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2206210997 Sample Reg. Date :21-06-2022 Report Date :28-06-2022 Report No. :ICE-2206281200 NABL ULR No. :TC592622000009338F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

s)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
t)	Manufactured By [#]	NA
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
Discipline : Chemical				
Group : Pollution & Environment				
1. General Parameters				
a.	Colour	IS 3025 (Part 4) : 2021	Not Specified	Colourless
b.	Odour	IS 3025 (Part 5) : 2018	Not Specified	None
c.	pH Value	IS: 3025 (Part 11): 2017	6-9	7.51
d.	Total Suspended Solids,(mg/L)	IS 3025 (Part 17): 2017	Max. 100	12
e.	Total Dissolved Solids (mg/L)	IS 3025 (Part 16) : 2017	Not Specified	590
f.	Chemical Oxygen Demand(mg/L)	IS 3025 (Part 58) : 2017	Not Specified	23
g.	Bio-chemical Oxygen Demand, mg/L (3 days at 27°C)	IS 3025 (Part 44) : 2019	Max. 30	7
h.	Oil & Grease(mg/L)	IS 3025 (Part 39) : 2021	Max. 10	<4.0

Saurabh Sharma
28-06-2022
Reviewer

28-06-2022
PremKumar
[Authorized Signatory]

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Test Report

Document QF : 2501

Page 3 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2206210997 Sample Reg. Date :21-06-2022 Report Date :28-06-2022 Report No. :ICE-2206281200 NABL ULR No. :TC592622000009338F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

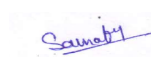
i.	Free Residual Chlorine (mg/L)	IS: 3025 (Part 26)-2021	Max. 1.0	BLQ(LOQ:1.0)

'#' 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, Sampling Procedure - SOP/ITC/EW/030, Purpose - For Self Monitoring

REMARKS :N/A

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


Saurabh Sharma
28-06-2022
Reviewer


28-06-2022
PremKumar
[Authorized Signatory]

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Test Report

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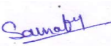
Page 1 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2206210999 Sample Reg. Date :21-06-2022 Report Date :25-06-2022 Report No. :ICE-2206251055 NABL ULR No. :TC592622000009134F Customer Ref. No.: Order No.5030010814 Letter Dated :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 (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	21-06-2022
n)	Date of Start	21-06-2022
o)	Date of Completion	25-06-2022
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample collected by lab rep. on 17.06.2022


Saurabh Sharma
25-06-2022
Reviewer


25-06-2022
PremKumar
[Authorized Signatory]

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Test Report

Document QF : 2501

Page 2 of 3

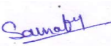
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2206210999 Sample Reg. Date :21-06-2022 Report Date :25-06-2022 Report No. :ICE-2206251055 NABL ULR No. :TC592622000009134F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

s)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
t)	Manufactured By [#]	NA
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
Discipline : Chemical				
Group : Pollution & Environment				
1. General Parameters				
a.	Colour	IS: 3025 (P-4)-2021		Light greyish
b.	Odour	IS: 3025 (P-5)-2018		None
c.	pH Value	IS: 3025 (Part 11): 2017		7.42
d.	Total Suspended Solids,(mg/L)	IS 3025 (Part 17): 2017		68
e.	Total Dissolved Solids (mg/L)	IS 3025 (Part 16) : 2017	-	552
f.	Chemical Oxygen Demand(mg/L)	IS 3025 (Part 58) : 2017		142
g.	Bio-chemical Oxygen Demand, mg/L (3 days at 27°C)	IS 3025 (Part 44) : 2019		46
h.	Oil & Grease(mg/L)	IS 3025 (Part 39) : 2021		4.8


Saurabh Sharma
25-06-2022
Reviewer


25-06-2022
PremKumar
[Authorized Signatory]

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Test Report

Document QF : 2501

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2206210999 Sample Reg. Date :21-06-2022 Report Date :25-06-2022 Report No. :ICE-2206251055 NABL ULR No. :TC592622000009134F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

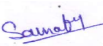
i.	Free Residual Chlorine (mg/L)	IS: 3025 (P-26): 2021		BLQ(LOQ:1.0)

'#' 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
25-06-2022
Reviewer


25-06-2022
PremKumar
[Authorized Signatory]

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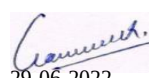
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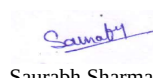
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2206211000 Sample Reg. Date :21-06-2022 Report Date :29-06-2022 Report No. :ICE-2206291294 NABL ULR No. :TC592622000009411F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

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

PART A : PARTICULARS OF SAMPLE SUBMITTED

a)	Nature of Sample #	STP Inlet Water (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	21-06-2022
n)	Date of Start	21-06-2022
o)	Date of Completion	28-06-2022
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample collected by lab rep. on 17.06.2022


 29-06-2022
 Gaurav Khandelwal
 [Authorized Signatory]


 Saurabh Sharma
 29-06-2022
 Reviewer


 29-06-2022
 PremKumar
 [Authorized Signatory]

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Test Report

Document QF : 2501

Page 2 of 3

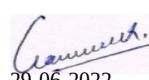
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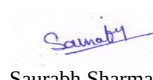
s)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
t)	Manufactured By [#]	NA
u)	Supplied By [#]	NA

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
Discipline : Chemical				
Group : Pollution & Environment				
1.	General Parameters			
a.	Nitrate as NO ₃ (mg/L)	IS 3025 (Part 34) : 2019		BLQ(LOQ:1.0)
b.	Calcium(as Ca)(mg/L)	IS 3025 (Part 40): 2019	-	56
c.	Magnesium as Mg(mg/L)	IS: 3025 Part 46): 2019	-	13
d.	Sodium(as Na)(mg/L)	IS 3025(Part 45): 2019	-	70
e.	Potassium as K,(mg/L)	APHA 23rd Edition-3500K B: 2017		18
f.	Phosphate as PO ₄ (mg/L)	APHA 23rd Edition 4500 - P D: 2017		BLQ(LOQ:0.003)
Discipline : Biological				


29-06-2022
Gaurav Khandelwal
[Authorized Signatory]


Saurabh Sharma
29-06-2022
Reviewer


29-06-2022
PremKumar
[Authorized Signatory]

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Test Report

Document QF : 2501

Page 3 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2206211000 Sample Reg. Date :21-06-2022 Report Date :29-06-2022 Report No. :ICE-2206291294 NABL ULR No. :TC592622000009411F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

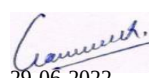
Group : Pollution & Environment				
1. Microbiological Tests				
a.	Faecal Coliforms, (MPN/100mL)	APHA-23 rd Edn 17-9221 F		2.2 x 10 ⁴
b.	E.coli, (MPN/100mL)	APHA-23 rd Edn 17-9221 F		1.8 x10 ⁴
c.	Total Coliform (MPN/100ml)	APHA-23 rd Edn 17-9221 F		5.4 x 10 ⁴

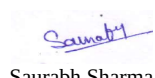
'#' represents Customer Defined Fields

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*****


29-06-2022
Gaurav Khandelwal
[Authorized Signatory]


Saurabh Sharma
29-06-2022
Reviewer


29-06-2022
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

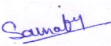
Page 1 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2206211001 Sample Reg. Date :21-06-2022 Report Date :25-06-2022 Report No. :ICE-2206251056 NABL ULR No. :TC592622000009136F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

Test Report as per IS: EPA Act 1986/PCLS/2010	With Amendment No.(s):

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	21-06-2022
n)	Date of Start	21-06-2022
o)	Date of Completion	25-06-2022
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample collected by lab rep. on 17.06.2022


Saurabh Sharma
25-06-2022
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25-06-2022
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Test Report

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2206211001 Sample Reg. Date :21-06-2022 Report Date :25-06-2022 Report No. :ICE-2206251056 NABL ULR No. :TC592622000009136F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

s)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
t)	Manufactured By [#]	NA
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
Discipline : Chemical				
Group : Pollution & Environment				
1. General Parameters				
a.	Colour	IS 3025 (Part 4) : 2021	Not Specified	Colourless
b.	Odour	IS 3025 (Part 5) : 2018	Not Specified	None
c.	pH Value	IS: 3025 (Part 11): 2017	6-9	7.95
d.	Total Suspended Solids,(mg/L)	IS 3025 (Part 17): 2017	Max. 100	2
e.	Total Dissolved Solids (mg/L)	IS 3025 (Part 16) : 2017	Not Specified	508
f.	Chemical Oxygen Demand(mg/L)	IS 3025 (Part 58) : 2017	Not Specified	12
g.	Bio-chemical Oxygen Demand, mg/L (3 days at 27°C)	IS 3025 (Part 44) : 2019	Max. 30	3
h.	Oil & Grease(mg/L)	IS 3025 (Part 39) : 2021	Max. 10	<4.0

Saurabh
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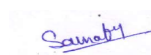
i.	Free Residual Chlorine (mg/L)	IS: 3025 (Part 26)-2021	Max. 1.0	BLQ(LOQ:1.0)

'#' 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, Purpose - For Self Monitoring

REMARKS :N/A

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


Saurabh Sharma
25-06-2022
Reviewer


25-06-2022
PremKumar
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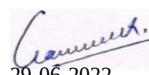
Page 1 of 3

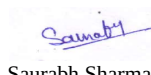
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2206211002 Sample Reg. Date :21-06-2022 Report Date :29-06-2022 Report No. :ICE-2206291295 NABL ULR No. :TC592622000009412F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

Test Report as per IS: EPA Act 1986/PCLS/2010	With Amendment No.(s):

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	21-06-2022
n)	Date of Start	21-06-2022
o)	Date of Completion	28-06-2022
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample collected by lab rep. on 17.06.2022


29-06-2022
Gaurav Khandelwal
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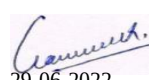
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2206211002 Sample Reg. Date :21-06-2022 Report Date :29-06-2022 Report No. :ICE-2206291295 NABL ULR No. :TC592622000009412F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

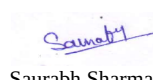
s)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
t)	Manufactured By [#]	NA
u)	Supplied By [#]	NA

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
Discipline : Chemical				
Group : Pollution & Environment				
1. General Parameters				
a.	Nitrate as NO ₃ (mg/L)	IS 3025 (Part 34) : 2019	Max. 10	BLQ(LOQ:1.0)
b.	Calcium(as Ca)(mg/L)	IS 3025 (Part 40): 2019	Not Specified	84
c.	Magnesium as Mg(mg/L)	IS: 3025 Part 46): 2019	Not Specified	20
d.	Sodium(as Na)(mg/L)	IS 3025(Part 45): 2019	Not Specified	53
e.	Potassium as K,(mg/L)	APHA 23rd Edition-3500K B: 2017	Not Specified	16
f.	Phosphate(as PO ₄), mg/L	APHA 23rd Edition 4500 - P D: 2017	Max. 5.0	BLQ(LOQ:0.003)
Discipline : Biological				


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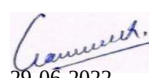
Group : Pollution & Environment				
1. Microbiological Tests				
a.	Faecal Coliform, MPN/100ml	APHA-23 rd Edn 17-9221 F	Max. 1000	<1.8
b.	E.coli, (MPN/100mL)	APHA 23rd Edn 17-9221 E	Not Specified	<1.8
c.	Total Coliform (MPN/100ml)	APHA-23 rd Edn 17-9221 F	Not Specified	33

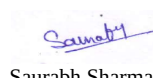
'#' represents Customer Defined Fields

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*****


 29-06-2022
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 [Authorized Signatory]


 Saurabh Sharma
 29-06-2022
 Reviewer


 29-06-2022
 PremKumar
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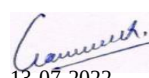
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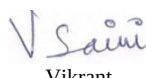
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2206211014 Sample Reg. Date :21-06-2022 Report Date :13-07-2022 Report No. :ICE-2207130605 NABL ULR No. :TC592622000010101F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

Test Report as per IS: BIS Specification IS:10500-2012	With Amendment No.(s): 01 to 04

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	21-06-2022
n)	Date of Start	21-06-2022
o)	Date of Completion	01-07-2022
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 17.06.2022, Sample from Village-Khanpur Kalan


 13-07-2022
 Gaurav Khandelwal
 [Authorized Signatory]


 Vikrant
 13-07-2022
 Reviewer


 13-07-2022
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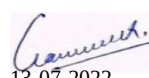
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2206211014 Sample Reg. Date :21-06-2022 Report Date :13-07-2022 Report No. :ICE-2207130605 NABL ULR No. :TC592622000010101F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

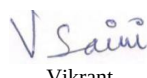
s)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
t)	Manufactured By [#]	NA
u)	Supplied By [#]	NA

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		liquid Sample			
S.No.	Parameters	Method	Acceptable Limit	Permissible Limit	Result
	Discipline : Chemical				
	Group : Water				
1.	Organoleptic & Physical Parameter				
a.	Colour (Hazen)	IS: 3025 (P-4)-2021	5 Max.	15 Max.	4
b.	Taste	IS:3025(Part 8):1984(RA:2017)	Agreeable	-	Agreeable
c.	Odour	IS: 3025 (P-5)-2018	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.	1.84


13-07-2022
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f.	Total Dissolved Solids,(mg/L)	IS: 3025 (P-16)-1984 (RA 2017)	500 Max.	2000 Max.	940
2.	Parameters Concerning Undesirable Substances in excess amount				
a.	Aluminium as Al, (mg/L)	IS: 3025 (P-55)-2003 (RA 2019)	0.03 Max.	0.2 Max.	BLQ(LOQ : 0.02)
b.	Ammonia (as total ammonia-N) (mg/L)	IS: 3025 (Part 34)-1988 (RA 2019)	0.5 Max.	No Relaxation	BLQ(LOQ : 0.1)
c.	Anionic detergent(as MBAS),(mg/L)	IS:13428:2005(RA 2018)-Annex K	0.2 Max.	1.0 Max.	BLQ(LOQ : 0.05)
d.	Barium(as Ba)(mg/L)	IS:13428:2005(RA 2018)-Annex F	0.7 Max.	No relaxation	BLQ(LOQ : 0.3)
e.	Boron (as B) (mg/l)	IS: 3025 (Part 57)-2005 (RA 2017)	0.5 Max.	2.4 Max.	BLQ(LOQ : 0.5)
f.	Calcium(as Ca),(mg/L)	IS: 3025 (Part 40)-1991 (RA 2019)	75 Max.	200 Max.	119.4
g.	Chloramines (as Cl ₂),(mg/L)	IS: 3025 (P-26): 2021	4.0 Max.	No relaxation	BLQ(LOQ : 0.03)
h.	Chloride(as Cl)(mg/L)	IS: 3025 (P-32)-1988 (RA2019)	250 Max.	1000 Max.	59.3
i.	Copper (as Cu)(mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.05 Max.	1.5 Max.	BLQ(LOQ:0.002)
j.	Fluoride as F(mg/L)	IS: 3025 (P-60)-2008 (RA 2019)	1.0 Max.	1.5 Max.	0.6
k.	Phenolic compounds (as C ₆ H ₅ OH), (mg/L)	IS: 3025 (Part 43)-1992 (RA 2019)	0.001 Max.	0.002 Max.	BLQ(LOQ : 0.001)
l.	Free Residual Chlorine, (mg/L)	IS: 3025 (P-26): 2021	0.2 Min.	1.0 Max.	Not Applicable
m.	Iron (as Fe)(mg/L)	IS: 3025 (P-53)-2003 (RA 2019)	1.0 Max.	No relaxation	BLQ(LOQ : 0.08)
n.	Magnesium as Mg (mg/L)	IS: 3025 (Part 46)-1994 (RA 2019)	30 Max.	100 Max.	48.4

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o.	Manganese as Mn, (mg/L)	IS: 3025 (Part 59)-2006 (RA 2017)	0.1 Max.	0.3 Max.	BLQ(LOQ : 0.1)
p.	Mineral Oil, (mg/L)	IS: 3025 (Part 39)-2021	1.0 Max.	No Relaxation	BLQ(LOQ : 1.0)
q.	Nitrate as NO ₃ (mg/L)	APHA 23rd Edition 2017, 4500 NO ₃	45 Max.	No Relaxation	2.4
r.	Selenium (as Se) (mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.01 Max.	No Relaxation	0.004
s.	Silver (as Ag) (mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.1 Max.	No Relaxation	BLQ(LOQ:0.002)
t.	Sulphate(as SO ₄)(mg/L)	IS: 3025 (P-24/Sec-1)-2022	200 Max.	400 Max.	68.3
u.	Sulphide as H ₂ S, (mg/L)	IS: 3025 (Part 29)-1986 (RA 2019)	0.05 Max.	No Relaxation	BLQ(LOQ : 0.05)
v.	Total Alkalinity(as CaCO ₃)(mg/L)	IS: 3025 (Part 23)-1986 (RA 2019)	200 Max.	600 Max.	471.9
w.	Total Hardness(as CaCO ₃)(mg/L)	IS: 3025 (Part 21)-2009 (RA 2019)	200 Max.	600 Max.	497.8
x.	Zinc(as Zn)(mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	5 Max.	15 Max.	0.009
3. Parameters Concerning Toxic Substances					
a.	Cadmium(as Cd)(mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.003 Max.	No Relaxation	BLQ(LOQ:0.002)
b.	Cyanide(asCN)(mg/L)	IS: 3025 (P-27)-1986 (RA 2019)	0.05 Max.	No Relaxation	BLQ(LOQ : 0.01)
c.	Lead(as Pb)(mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.01 Max.	No Relaxation	BLQ(LOQ:0.002)
d.	Mercury(as Hg)(mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.001 Max.	No Relaxation	BLQ(LOQ:0.001)
e.	Molybdenum(as Mo)(mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.07 Max.	No Relaxation	BLQ(LOQ:0.002)

Gaurav Khandelwal
13-07-2022

Gaurav Khandelwal
[Authorized Signatory]

Vikrant

Vikrant
13-07-2022
Reviewer

PremKumar
13-07-2022

PremKumar
[Authorized Signatory]

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Panchkula-134109 (Haryana)

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2206211014 Sample Reg. Date :21-06-2022 Report Date :13-07-2022 Report No. :ICE-2207130605 NABL ULR No. :TC592622000010101F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

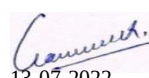
f.	Nickel(as Ni) (mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.02 Max.	No Relaxation	BLQ(LOQ:0.002)
g.	Total Arsenic(as As)(mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.01 Max.	No relaxation	BLQ(LOQ:0.002)
h.	Total Chromium(as Cr)(mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.05 Max.	No Relaxation	BLQ(LOQ:0.002)
Discipline : Biological					
Group : Water					
1. Microbiological Tests					
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

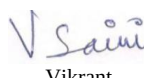
'#' represents Customer Defined Fields

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*****


 13-07-2022
 Gaurav Khandelwal
 [Authorized Signatory]


 Vikrant
 13-07-2022
 Reviewer


 13-07-2022
 PremKumar
 [Authorized Signatory]

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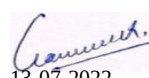
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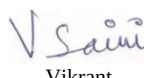
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2206211016 Sample Reg. Date :21-06-2022 Report Date :13-07-2022 Report No. :ICE-2207130596 NABL ULR No. :TC592622000010097F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

Test Report as per IS: BIS Specification IS:10500-2012	With Amendment No.(s): 01 to 04

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	21-06-2022
n)	Date of Start	21-06-2022
o)	Date of Completion	01-07-2022
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 17.06.2022, Sample from Village-Khanpur Khurd


13-07-2022
Gaurav Khandelwal
[Authorized Signatory]


Vikrant
13-07-2022
Reviewer


13-07-2022
PremKumar
[Authorized Signatory]

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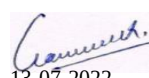
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2206211016 Sample Reg. Date :21-06-2022 Report Date :13-07-2022 Report No. :ICE-2207130596 NABL ULR No. :TC592622000010097F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

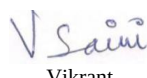
s)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
t)	Manufactured By [#]	NA
u)	Supplied By [#]	NA

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		Clear Colourless Liquid			
S.No.	Parameters	Method	Acceptable Limit	Permissible Limit	Result
	Discipline : Chemical				
	Group : Water				
1.	Organoleptic & Physical Parameter				
a.	Colour (Hazen)	IS: 3025 (P-4)-2021	5 Max.	15 Max.	5
b.	Taste	IS:3025(Part 8):1984(RA:2017)	Agreeable	-	Agreeable
c.	Odour	IS: 3025 (P-5)-2018	Agreeable	-	Agreeable
d.	pH Value	IS:3025 (Part - 11):1983(RA:2017)	6.5-8.5	No relaxation	7.68
e.	Turbidity(NTU)	IS:3025(Part 10):1984(RA:2017)	1 Max.	5 Max.	<0.5


13-07-2022
Gaurav Khandelwal
[Authorized Signatory]


Vikrant
13-07-2022
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13-07-2022
PremKumar
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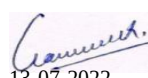
Test Report

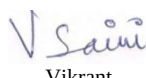
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f.	Total Dissolved Solids,(mg/L)	IS: 3025 (P-16)-1984 (RA 2017)	500 Max.	2000 Max.	924
2.	Parameters Concerning Undesirable Substances in excess amount				
a.	Aluminium as Al, (mg/L)	IS: 3025 (P-55)-2003 (RA 2019)	0.03 Max.	0.2 Max.	BLQ(LOQ : 0.02)
b.	Ammonia (as total ammonia-N) (mg/L)	IS: 3025 (Part 34)-1988 (RA 2019)	0.5 Max.	No Relaxation	BLQ(LOQ : 0.1)
c.	Anionic detergent(as MBAS),(mg/L)	IS:13428:2005(RA 2018)-Annex K	0.2 Max.	1.0 Max.	BLQ(LOQ : 0.05)
d.	Barium(as Ba)(mg/L)	IS:13428:2005(RA 2018)-Annex F	0.7 Max.	No relaxation	BLQ(LOQ : 0.3)
e.	Boron (as B) (mg/l)	IS: 3025 (Part 57)-2005 (RA 2017)	0.5 Max.	2.4 Max.	BLQ(LOQ : 0.5)
f.	Calcium(as Ca),(mg/L)	IS: 3025 (Part 40)-1991 (RA 2019)	75 Max.	200 Max.	101.9
g.	Chloramines (as Cl ₂),(mg/L)	IS: 3025 (P-26): 2021	4.0 Max.	No relaxation	BLQ(LOQ : 0.03)
h.	Chloride(as Cl)(mg/L)	IS: 3025 (P-32)-1988 (RA2019)	250 Max.	1000 Max.	42.1
i.	Copper (as Cu)(mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.05 Max.	1.5 Max.	BLQ(LOQ:0.002)
j.	Fluoride as F(mg/L)	IS: 3025 (P-60)-2008 (RA 2019)	1.0 Max.	1.5 Max.	BLQ(LOQ : 0.1)
k.	Phenolic compounds (as C ₆ H ₅ OH), (mg/L)	IS: 3025 (Part 43)-1992 (RA 2019)	0.001 Max.	0.002 Max.	BLQ(LOQ : 0.001)
l.	Free Residual Chlorine, (mg/L)	IS: 3025 (P-26): 2021	0.2 Min.	1.0 Max.	Not Applicable
m.	Iron (as Fe)(mg/L)	IS: 3025 (P-53)-2003 (RA 2019)	1.0 Max.	No relaxation	BLQ(LOQ : 0.08)
n.	Magnesium as Mg (mg/L)	IS: 3025 (Part 46)-1994 (RA 2019)	30 Max.	100 Max.	52.6


 13-07-2022
 Gaurav Khandelwal
 [Authorized Signatory]


 Vikrant
 13-07-2022
 Reviewer


 13-07-2022
 PremKumar
 [Authorized Signatory]

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o.	Manganese as Mn, (mg/L)	IS: 3025 (Part 59)-2006 (RA 2017)	0.1 Max.	0.3 Max.	BLQ(LOQ : 0.1)
p.	Mineral Oil, (mg/L)	IS: 3025 (Part 39)-2021	1.0 Max.	No Relaxation	BLQ(LOQ : 1.0)
q.	Nitrate as NO ₃ (mg/L)	APHA 23rd Edition 2017, 4500 NO3	45 Max.	No Relaxation	3.0
r.	Selenium (as Se) (mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.01 Max.	No Relaxation	0.004
s.	Silver (as Ag) (mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.1 Max.	No Relaxation	BLQ(LOQ:0.002)
t.	Sulphate(as SO ₄)(mg/L)	IS: 3025 (P-24/Sec-1)-2022	200 Max.	400 Max.	42.9
u.	Sulphide as H ₂ S, (mg/L)	IS: 3025 (Part 29)-1986 (RA 2019)	0.05 Max.	No Relaxation	BLQ(LOQ : 0.05)
v.	Total Alkalinity(as CaCO ₃)(mg/L)	IS: 3025 (Part 23)-1986 (RA 2019)	200 Max.	600 Max.	452.4
w.	Total Hardness(as CaCO ₃)(mg/L)	IS: 3025 (Part 21)-2009 (RA 2019)	200 Max.	600 Max.	471.2
x.	Zinc(as Zn)(mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	5 Max.	15 Max.	0.010
3. Parameters Concerning Toxic Substances					
a.	Cadmium(as Cd)(mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.003 Max.	No Relaxation	BLQ(LOQ:0.002)
b.	Cyanide(asCN)(mg/L)	IS: 3025 (P-27)-1986 (RA 2019)	0.05 Max.	No Relaxation	BLQ(LOQ : 0.01)
c.	Lead(as Pb)(mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.01 Max.	No Relaxation	BLQ(LOQ:0.002)
d.	Mercury(as Hg)(mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.001 Max.	No Relaxation	BLQ(LOQ:0.001)
e.	Molybdenum(as Mo)(mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.07 Max.	No Relaxation	BLQ(LOQ:0.002)

Gaurav Khandelwal
13-07-2022

Gaurav Khandelwal
[Authorized Signatory]

Vikrant

Vikrant
13-07-2022
Reviewer

PremKumar
13-07-2022

PremKumar
[Authorized Signatory]

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Panchkula-134109 (Haryana)

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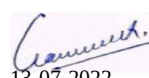
f.	Nickel(as Ni) (mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.02 Max.	No Relaxation	BLQ(LOQ:0.002)
g.	Total Arsenic(as As)(mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.01 Max.	No relaxation	BLQ(LOQ:0.002)
h.	Total Chromium(as Cr)(mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.05 Max.	No Relaxation	BLQ(LOQ:0.002)
Discipline : Biological					
Group : Water					
1. Microbiological Tests					
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

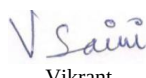
'#' represents Customer Defined Fields

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*****


 13-07-2022
 Gaurav Khandelwal
 [Authorized Signatory]


 Vikrant
 13-07-2022
 Reviewer


 13-07-2022
 PremKumar
 [Authorized Signatory]

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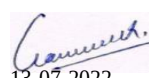
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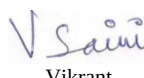
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2206211018 Sample Reg. Date :21-06-2022 Report Date :13-07-2022 Report No. :ICE-2207130603 NABL ULR No. :TC592622000010102F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

Test Report as per IS: BIS Specification IS:10500-2012	With Amendment No.(s): 01 to 04

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	21-06-2022
n)	Date of Start	21-06-2022
o)	Date of Completion	01-07-2022
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 17.06.2020, Sample from Village-Wazidpur


 13-07-2022
 Gaurav Khandelwal
 [Authorized Signatory]


 Vikrant
 13-07-2022
 Reviewer


 13-07-2022
 PremKumar
 [Authorized Signatory]

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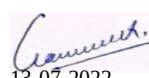
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2206211018 Sample Reg. Date :21-06-2022 Report Date :13-07-2022 Report No. :ICE-2207130603 NABL ULR No. :TC592622000010102F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

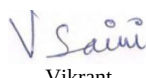
s)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
t)	Manufactured By [#]	NA
u)	Supplied By [#]	NA

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		Clear Colourless Liquid			
S.No.	Parameters	Method	Acceptable Limit	Permissible Limit	Result
	Discipline : Chemical				
	Group : Water				
1.	Organoleptic & Physical Parameter				
a.	Colour (Hazen)	IS: 3025 (P-4)-2021	5 Max.	15 Max.	4
b.	Taste	IS:3025(Part 8):1984(RA:2017)	Agreeable	-	Agreeable
c.	Odour	IS: 3025 (P-5)-2018	Agreeable	-	Agreeable
d.	pH Value	IS:3025 (Part - 11):1983(RA:2017)	6.5-8.5	No relaxation	7.03
e.	Turbidity(NTU)	IS:3025(Part 10):1984(RA:2017)	1 Max.	5 Max.	1.02


13-07-2022
Gaurav Khandelwal
[Authorized Signatory]


Vikrant
13-07-2022
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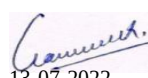
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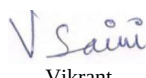
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2206211018 Sample Reg. Date :21-06-2022 Report Date :13-07-2022 Report No. :ICE-2207130603 NABL ULR No. :TC592622000010102F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

f.	Total Dissolved Solids,(mg/L)	IS: 3025 (P-16)-1984 (RA 2017)	500 Max.	2000 Max.	540
2.	Parameters Concerning Undesirable Substances in excess amount				
a.	Aluminium as Al, (mg/L)	IS: 3025 (P-55)-2003 (RA 2019)	0.03 Max.	0.2 Max.	BLQ(LOQ : 0.02)
b.	Ammonia (as total ammonia-N) (mg/L)	IS: 3025 (Part 34)-1988 (RA 2019)	0.5 Max.	No Relaxation	BLQ(LOQ : 0.1)
c.	Anionic detergent(as MBAS),(mg/L)	IS:13428:2005(RA 2018)-Annex K	0.2 Max.	1.0 Max.	BLQ(LOQ : 0.05)
d.	Barium(as Ba)(mg/L)	IS:13428:2005(RA 2018)-Annex F	0.7 Max.	No relaxation	BLQ(LOQ : 0.3)
e.	Boron (as B) (mg/l)	IS: 3025 (Part 57)-2005 (RA 2017)	0.5 Max.	2.4 Max.	BLQ(LOQ : 0.5)
f.	Calcium(as Ca),(mg/L)	IS: 3025 (Part 40)-1991 (RA 2019)	75 Max.	200 Max.	68.5
g.	Chloramines (as Cl ₂),(mg/L)	IS: 3025 (P-26): 2021	4.0 Max.	No relaxation	BLQ(LOQ : 0.03)
h.	Chloride(as Cl)(mg/L)	IS: 3025 (P-32)-1988 (RA2019)	250 Max.	1000 Max.	20.1
i.	Copper (as Cu)(mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.05 Max.	1.5 Max.	BLQ(LOQ:0.002)
j.	Fluoride as F(mg/L)	IS: 3025 (P-60)-2008 (RA 2019)	1.0 Max.	1.5 Max.	0.2
k.	Phenolic compounds (as C ₆ H ₅ OH), (mg/L)	IS: 3025 (Part 43)-1992 (RA 2019)	0.001 Max.	0.002 Max.	BLQ(LOQ : 0.001)
l.	Free Residual Chlorine, (mg/L)	IS: 3025 (P-26): 2021	0.2 Min.	1.0 Max.	Not Applicable
m.	Iron (as Fe)(mg/L)	IS: 3025 (P-53)-2003 (RA 2019)	1.0 Max.	No relaxation	BLQ(LOQ : 0.08)
n.	Magnesium as Mg (mg/L)	IS: 3025 (Part 46)-1994 (RA 2019)	30 Max.	100 Max.	19.3


 13-07-2022
 Gaurav Khandelwal
 [Authorized Signatory]


 Vikrant
 13-07-2022
 Reviewer


 13-07-2022
 PremKumar
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o.	Manganese as Mn, (mg/L)	IS: 3025 (Part 59)-2006 (RA 2017)	0.1 Max.	0.3 Max.	BLQ(LOQ : 0.1)
p.	Mineral Oil, (mg/L)	IS: 3025 (Part 39)-2021	1.0 Max.	No Relaxation	BLQ(LOQ : 1.0)
q.	Nitrate as NO ₃ (mg/L)	APHA 23rd Edition 2017, 4500 NO3	45 Max.	No Relaxation	1.9
r.	Selenium (as Se) (mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.01 Max.	No Relaxation	0.005
s.	Silver (as Ag) (mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.1 Max.	No Relaxation	BLQ(LOQ:0.002)
t.	Sulphate(as SO ₄)(mg/L)	IS: 3025 (P-24/Sec-1)-2022	200 Max.	400 Max.	15.2
u.	Sulphide as H ₂ S, (mg/L)	IS: 3025 (Part 29)-1986 (RA 2019)	0.05 Max.	No Relaxation	BLQ(LOQ : 0.05)
v.	Total Alkalinity(as CaCO ₃)(mg/L)	IS: 3025 (Part 23)-1986 (RA 2019)	200 Max.	600 Max.	202.8
w.	Total Hardness(as CaCO ₃)(mg/L)	IS: 3025 (Part 21)-2009 (RA 2019)	200 Max.	600 Max.	250.8
x.	Zinc(as Zn)(mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	5 Max.	15 Max.	0.009
3. Parameters Concerning Toxic Substances					
a.	Cadmium(as Cd)(mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.003 Max.	No Relaxation	BLQ(LOQ:0.002)
b.	Cyanide(asCN)(mg/L)	IS: 3025 (P-27)-1986 (RA 2019)	0.05 Max.	No Relaxation	BLQ(LOQ : 0.01)
c.	Lead(as Pb)(mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.01 Max.	No Relaxation	BLQ(LOQ:0.002)
d.	Mercury(as Hg)(mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.001 Max.	No Relaxation	BLQ(LOQ:0.001)
e.	Molybdenum(as Mo)(mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.07 Max.	No Relaxation	BLQ(LOQ:0.002)

Gaurav Khandelwal
13-07-2022

Gaurav Khandelwal
[Authorized Signatory]

Vikrant

Vikrant
13-07-2022
Reviewer

PremKumar
13-07-2022

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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Email : customersupport@itclabs.com

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2206211018 Sample Reg. Date :21-06-2022 Report Date :13-07-2022 Report No. :ICE-2207130603 NABL ULR No. :TC592622000010102F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

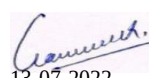
f.	Nickel(as Ni) (mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.02 Max.	No Relaxation	BLQ(LOQ:0.002)
g.	Total Arsenic(as As)(mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.01 Max.	No relaxation	BLQ(LOQ:0.002)
h.	Total Chromium(as Cr)(mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.05 Max.	No Relaxation	BLQ(LOQ:0.002)
Discipline : Biological					
Group : Water					
1. Microbiological Tests					
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

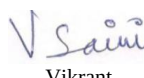
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NOTE : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification. Sampling Procedure : SOP/ITC/EW/030

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*****


 13-07-2022
 Gaurav Khandelwal
 [Authorized Signatory]


 Vikrant
 13-07-2022
 Reviewer


 13-07-2022
 PremKumar
 [Authorized Signatory]

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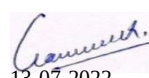
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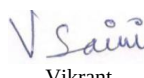
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2206211020 Sample Reg. Date :21-06-2022 Report Date :13-07-2022 Report No. :ICE-2207130602 NABL ULR No. :TC592622000010098F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

Test Report as per IS: BIS Specification IS:10500-2012	With Amendment No.(s): 01 to 04

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	21-06-2022
n)	Date of Start	21-06-2022
o)	Date of Completion	01-07-2022
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 17.06.2022, Sample from Village-Jhamri


13-07-2022
Gaurav Khandelwal
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Vikrant
13-07-2022
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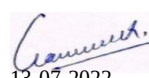
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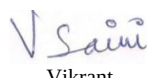
s)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
t)	Manufactured By [#]	NA
u)	Supplied By [#]	NA

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		Clear Colourless liquid			
S.No.	Parameters	Method	Acceptable Limit	Permissible Limit	Result
	Discipline : Chemical				
	Group : Water				
1.	Organoleptic & Physical Parameter				
a.	Colour (Hazen)	IS: 3025 (P-4)-2021	5 Max.	15 Max.	4
b.	Taste	IS:3025(Part 8):1984(RA:2017)	Agreeable	-	Agreeable
c.	Odour	IS: 3025 (P-5)-2018	Agreeable	-	Agreeable
d.	pH Value	IS:3025 (Part - 11):1983(RA:2017)	6.5-8.5	No relaxation	6.92
e.	Turbidity(NTU)	IS:3025(Part 10):1984(RA:2017)	1 Max.	5 Max.	0.8


13-07-2022
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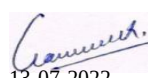
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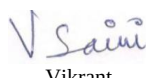
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2206211020 Sample Reg. Date :21-06-2022 Report Date :13-07-2022 Report No. :ICE-2207130602 NABL ULR No. :TC592622000010098F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

f.	Total Dissolved Solids,(mg/L)	IS: 3025 (P-16)-1984 (RA 2017)	500 Max.	2000 Max.	410
2.	Parameters Concerning Undesirable Substances in excess amount				
a.	Aluminium as Al, (mg/L)	IS: 3025 (P-55)-2003 (RA 2019)	0.03 Max.	0.2 Max.	BLQ(LOQ : 0.02)
b.	Ammonia (as total ammonia-N) (mg/L)	IS: 3025 (Part 34)-1988 (RA 2019)	0.5 Max.	No Relaxation	BLQ(LOQ : 0.1)
c.	Anionic detergent(as MBAS),(mg/L)	IS:13428:2005(RA 2018)-Annex K	0.2 Max.	1.0 Max.	BLQ(LOQ : 0.05)
d.	Barium(as Ba)(mg/L)	IS:13428:2005(RA 2018)-Annex F	0.7 Max.	No relaxation	BLQ(LOQ : 0.3)
e.	Boron (as B) (mg/l)	IS: 3025 (Part 57)-2005 (RA 2017)	0.5 Max.	2.4 Max.	BLQ(LOQ : 0.5)
f.	Calcium(as Ca),(mg/L)	IS: 3025 (Part 40)-1991 (RA 2019)	75 Max.	200 Max.	63.9
g.	Chloramines (as Cl ₂),(mg/L)	IS: 3025 (P-26): 2021	4.0 Max.	No relaxation	BLQ(LOQ : 0.03)
h.	Chloride(as Cl)(mg/L)	IS: 3025 (P-32)-1988 (RA2019)	250 Max.	1000 Max.	40.2
i.	Copper (as Cu)(mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.05 Max.	1.5 Max.	BLQ(LOQ:0.002)
j.	Fluoride as F(mg/L)	IS: 3025 (P-60)-2008 (RA 2019)	1.0 Max.	1.5 Max.	0.4
k.	Phenolic compounds (as C ₆ H ₅ OH), (mg/L)	IS: 3025 (Part 43)-1992 (RA 2019)	0.001 Max.	0.002 Max.	BLQ(LOQ : 0.001)
l.	Free Residual Chlorine, (mg/L)	IS: 3025 (P-26): 2021	0.2 Min.	1.0 Max.	Not Applicable
m.	Iron (as Fe)(mg/L)	IS: 3025 (P-53)-2003 (RA 2019)	1.0 Max.	No relaxation	BLQ(LOQ : 0.08)
n.	Magnesium as Mg (mg/L)	IS: 3025 (Part 46)-1994 (RA 2019)	30 Max.	100 Max.	31.4


 13-07-2022
 Gaurav Khandelwal
 [Authorized Signatory]


 Vikrant
 13-07-2022
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 PremKumar
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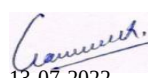
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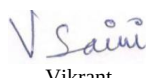
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o.	Manganese as Mn, (mg/L)	IS: 3025 (Part 59)-2006 (RA 2017)	0.1 Max.	0.3 Max.	BLQ(LOQ : 0.1)
p.	Mineral Oil, (mg/L)	IS: 3025 (Part 39)-2021	1.0 Max.	No Relaxation	BLQ(LOQ : 1.0)
q.	Nitrate as NO ₃ (mg/L)	APHA 23rd Edition 2017, 4500 NO ₃	45 Max.	No Relaxation	2.2
r.	Selenium (as Se) (mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.01 Max.	No Relaxation	0.004
s.	Silver (as Ag) (mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.1 Max.	No Relaxation	BLQ(LOQ:0.002)
t.	Sulphate(as SO ₄)(mg/L)	IS: 3025 (P-24/Sec-1)-2022	200 Max.	400 Max.	16.4
u.	Sulphide as H ₂ S, (mg/L)	IS: 3025 (Part 29)-1986 (RA 2019)	0.05 Max.	No Relaxation	BLQ(LOQ : 0.05)
v.	Total Alkalinity(as CaCO ₃)(mg/L)	IS: 3025 (Part 23)-1986 (RA 2019)	200 Max.	600 Max.	273.0
w.	Total Hardness(as CaCO ₃)(mg/L)	IS: 3025 (Part 21)-2009 (RA 2019)	200 Max.	600 Max.	288.8
x.	Zinc(as Zn)(mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	5 Max.	15 Max.	0.010
3. Parameters Concerning Toxic Substances					
a.	Cadmium(as Cd)(mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.003 Max.	No Relaxation	BLQ(LOQ:0.002)
b.	Cyanide(asCN)(mg/L)	IS: 3025 (P-27)-1986 (RA 2019)	0.05 Max.	No Relaxation	BLQ(LOQ : 0.01)
c.	Lead(as Pb)(mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.01 Max.	No Relaxation	BLQ(LOQ:0.002)
d.	Mercury(as Hg)(mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.001 Max.	No Relaxation	BLQ(LOQ:0.001)
e.	Molybdenum(as Mo)(mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.07 Max.	No Relaxation	BLQ(LOQ:0.002)


 13-07-2022
 Gaurav Khandelwal
 [Authorized Signatory]


 Vikrant
 13-07-2022
 Reviewer


 13-07-2022
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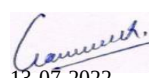
f.	Nickel(as Ni) (mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.02 Max.	No Relaxation	BLQ(LOQ:0.002)
g.	Total Arsenic(as As)(mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.01 Max.	No relaxation	BLQ(LOQ:0.002)
h.	Total Chromium(as Cr)(mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.05 Max.	No Relaxation	BLQ(LOQ:0.002)
Discipline : Biological					
Group : Water					
1. Microbiological Tests					
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

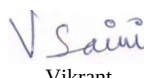
'#' represents Customer Defined Fields

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*****


 13-07-2022
 Gaurav Khandelwal
 [Authorized Signatory]


 Vikrant
 13-07-2022
 Reviewer


 13-07-2022
 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

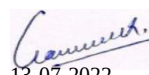
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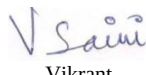
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2206211006 Sample Reg. Date :21-06-2022 Report Date :13-07-2022 Report No. :ICE-2207130601 NABL ULR No. :TC592622000010096F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

Test Report as per IS: BIS Specification IS:10500-2012	With Amendment No.(s): 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
k)	Batch Size/Location #	NA
l)	Mode of Packing	Packed in bottles
m)	Date of Receipt	21-06-2022
n)	Date of Start	21-06-2022
o)	Date of Completion	01-07-2022
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 17.06.2022, Sample from Up Stream


13-07-2022
Gaurav Khandelwal
[Authorized Signatory]


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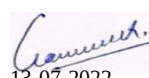
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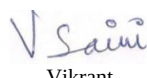
s)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
t)	Manufactured By [#]	NA
u)	Supplied By [#]	NA

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		Coloured Liquid with suspended particles			
S.No.	Parameters	Method	Acceptable Limit	Permissible Limit	Result
	Discipline : Chemical				
	Group : Water				
1.	Organoleptic & Physical Parameter				
a.	Colour (Hazen)	IS: 3025 (P-4)-2021	5 Max.	15 Max.	170
b.	Taste	IS:3025(Part 8):1984(RA:2017)	Agreeable	-	*
c.	Odour	IS: 3025 (P-5)-2018	Agreeable	-	Agreeable
d.	pH Value	IS:3025 (Part - 11):1983(RA:2017)	6.5-8.5	No relaxation	7.62
e.	Turbidity(NTU)	IS:3025(Part 10):1984(RA:2017)	1 Max.	5 Max.	250


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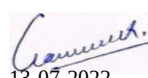
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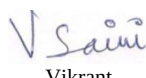
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2206211006 Sample Reg. Date :21-06-2022 Report Date :13-07-2022 Report No. :ICE-2207130601 NABL ULR No. :TC592622000010096F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

f.	Total Dissolved Solids,(mg/L)	IS: 3025 (P-16)-1984 (RA 2017)	500 Max.	2000 Max.	9890
2.	Parameters Concerning Undesirable Substances in excess amount				
a.	Aluminium as Al, (mg/L)	IS: 3025 (P-55)-2003 (RA 2019)	0.03 Max.	0.2 Max.	BLQ(LOQ : 0.02)
b.	Ammonia (as total ammonia-N) (mg/L)	IS: 3025 (Part 34)-1988 (RA 2019)	0.5 Max.	No Relaxation	BLQ(LOQ : 0.1)
c.	Anionic detergent(as MBAS),(mg/L)	IS:13428:2005(RA 2018)-Annex K	0.2 Max.	1.0 Max.	BLQ(LOQ : 0.05)
d.	Barium(as Ba)(mg/L)	IS:13428:2005(RA 2018)-Annex F	0.7 Max.	No relaxation	BLQ(LOQ : 0.3)
e.	Boron (as B) (mg/l)	IS: 3025 (Part 57)-2005 (RA 2017)	0.5 Max.	2.4 Max.	BLQ(LOQ : 0.5)
f.	Calcium(as Ca),(mg/L)	IS: 3025 (Part 40)-1991 (RA 2019)	75 Max.	200 Max.	143.8
g.	Chloramines (as Cl ₂),(mg/L)	IS: 3025 (P-26): 2021	4.0 Max.	No relaxation	BLQ(LOQ : 0.03)
h.	Chloride(as Cl)(mg/L)	IS: 3025 (P-32)-1988 (RA2019)	250 Max.	1000 Max.	869.1
i.	Copper (as Cu)(mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.05 Max.	1.5 Max.	BLQ(LOQ:0.002)
j.	Fluoride as F(mg/L)	IS: 3025 (P-60)-2008 (RA 2019)	1.0 Max.	1.5 Max.	1.8
k.	Phenolic compounds (as C ₆ H ₅ OH), (mg/L)	IS: 3025 (Part 43)-1992 (RA 2019)	0.001 Max.	0.002 Max.	BLQ(LOQ : 0.001)
l.	Free Residual Chlorine, (mg/L)	IS: 3025 (P-26): 2021	0.2 Min.	1.0 Max.	Not Applicable
m.	Iron (as Fe)(mg/L)	IS: 3025 (P-53)-2003 (RA 2019)	1.0 Max.	No relaxation	0.94
n.	Magnesium as Mg (mg/L)	IS: 3025 (Part 46)-1994 (RA 2019)	30 Max.	100 Max.	173.0


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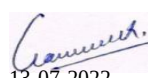
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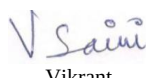
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2206211006 Sample Reg. Date :21-06-2022 Report Date :13-07-2022 Report No. :ICE-2207130601 NABL ULR No. :TC592622000010096F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

o.	Manganese as Mn, (mg/L)	IS: 3025 (Part 59)-2006 (RA 2017)	0.1 Max.	0.3 Max.	BLQ(LOQ : 0.1)
p.	Mineral Oil, (mg/L)	IS: 3025 (Part 39)-2021	1.0 Max.	No Relaxation	BLQ(LOQ : 1.0)
q.	Nitrate as NO ₃ (mg/L)	APHA 23rd Edition 2017, 4500 NO ₃	45 Max.	No Relaxation	30
r.	Selenium (as Se) (mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.01 Max.	No Relaxation	0.004
s.	Silver (as Ag) (mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.1 Max.	No Relaxation	BLQ(LOQ:0.002)
t.	Sulphate(as SO ₄)(mg/L)	IS: 3025 (P-24/Sec-1)-2022	200 Max.	400 Max.	1247.8
u.	Sulphide as H ₂ S, (mg/L)	IS: 3025 (Part 29)-1986 (RA 2019)	0.05 Max.	No Relaxation	BLQ(LOQ : 0.05)
v.	Total Alkalinity(as CaCO ₃)(mg/L)	IS: 3025 (Part 23)-1986 (RA 2019)	200 Max.	600 Max.	409.5
w.	Total Hardness(as CaCO ₃)(mg/L)	IS: 3025 (Part 21)-2009 (RA 2019)	200 Max.	600 Max.	1071.6
x.	Zinc(as Zn)(mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	5 Max.	15 Max.	0.010
3. Parameters Concerning Toxic Substances					
a.	Cadmium(as Cd)(mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.003 Max.	No Relaxation	BLQ(LOQ:0.002)
b.	Cyanide(asCN)(mg/L)	IS: 3025 (P-27)-1986 (RA 2019)	0.05 Max.	No Relaxation	BLQ(LOQ : 0.01)
c.	Lead(as Pb)(mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.01 Max.	No Relaxation	BLQ(LOQ:0.002)
d.	Mercury(as Hg)(mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.001 Max.	No Relaxation	BLQ(LOQ:0.001)
e.	Molybdenum(as Mo)(mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.07 Max.	No Relaxation	BLQ(LOQ:0.002)


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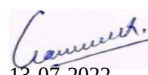
f.	Nickel(as Ni) (mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.02 Max.	No Relaxation	BLQ(LOQ:0.002)
g.	Total Arsenic(as As)(mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.01 Max.	No relaxation	BLQ(LOQ:0.002)
h.	Total Chromium(as Cr)(mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.05 Max.	No Relaxation	BLQ(LOQ:0.002)
Discipline : Biological					
Group : Water					
1. Microbiological Tests					
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

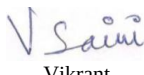
'#' represents Customer Defined Fields

NOTE : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification. Sampling Procedure : SOP/ITC/EW/030. * Test performed because sample is not safe for ingestion.

REMARKS :N/A

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


13-07-2022
Gaurav Khandelwal
[Authorized Signatory]


Vikrant
13-07-2022
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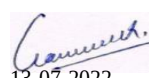
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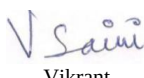
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2206211007 Sample Reg. Date :21-06-2022 Report Date :13-07-2022 Report No. :ICE-2207130604 NABL ULR No. :TC592622000010099F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

Test Report as per IS: BIS Specification IS:10500-2012	With Amendment No.(s): 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
k)	Batch Size/Location #	NA
l)	Mode of Packing	Packed in bottles
m)	Date of Receipt	21-06-2022
n)	Date of Start	21-05-2022
o)	Date of Completion	01-07-2022
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 17.06.2022, Sample from Down Stream


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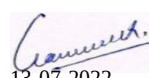
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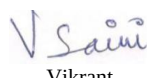
s)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
t)	Manufactured By [#]	NA
u)	Supplied By [#]	NA

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		Coloured liquid with suspended particles			
S.No.	Parameters	Method	Acceptable Limit	Permissible Limit	Result
	Discipline : Chemical				
	Group : Water				
1.	Organoleptic & Physical Parameter				
a.	Colour (Hazen)	IS: 3025 (P-4)-2021	5 Max.	15 Max.	40
b.	Taste	IS:3025(Part 8):1984(RA:2017)	Agreeable	-	*
c.	Odour	IS: 3025 (P-5)-2018	Agreeable	-	Agreeable
d.	pH Value	IS:3025 (Part - 11):1983(RA:2017)	6.5-8.5	No relaxation	8.20
e.	Turbidity(NTU)	IS:3025(Part 10):1984(RA:2017)	1 Max.	5 Max.	6


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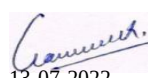
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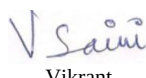
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f.	Total Dissolved Solids,(mg/L)	IS: 3025 (P-16)-1984 (RA 2017)	500 Max.	2000 Max.	2230
2.	Parameters Concerning Undesirable Substances in excess amount				
a.	Aluminium as Al, (mg/L)	IS: 3025 (P-55)-2003 (RA 2019)	0.03 Max.	0.2 Max.	BLQ(LOQ : 0.02)
b.	Ammonia (as total ammonia-N) (mg/L)	IS: 3025 (Part 34)-1988 (RA 2019)	0.5 Max.	No Relaxation	BLQ(LOQ : 0.1)
c.	Anionic detergent(as MBAS),(mg/L)	IS:13428:2005(RA 2018)-Annex K	0.2 Max.	1.0 Max.	BLQ(LOQ : 0.05)
d.	Barium(as Ba)(mg/L)	IS:13428:2005(RA 2018)-Annex F	0.7 Max.	No relaxation	BLQ(LOQ : 0.3)
e.	Boron (as B) (mg/l)	IS: 3025 (Part 57)-2005 (RA 2017)	0.5 Max.	2.4 Max.	BLQ(LOQ : 0.5)
f.	Calcium(as Ca),(mg/L)	IS: 3025 (Part 40)-1991 (RA 2019)	75 Max.	200 Max.	142.3
g.	Chloramines (as Cl ₂),(mg/L)	IS: 3025 (P-26): 2021	4.0 Max.	No relaxation	BLQ(LOQ : 0.03)
h.	Chloride(as Cl)(mg/L)	IS: 3025 (P-32)-1988 (RA2019)	250 Max.	1000 Max.	1308.9
i.	Copper (as Cu)(mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.05 Max.	1.5 Max.	BLQ(LOQ:0.002)
j.	Fluoride as F(mg/L)	IS: 3025 (P-60)-2008 (RA 2019)	1.0 Max.	1.5 Max.	1.6
k.	Phenolic compounds (as C ₆ H ₅ OH), (mg/L)	IS: 3025 (Part 43)-1992 (RA 2019)	0.001 Max.	0.002 Max.	BLQ(LOQ : 0.001)
l.	Free Residual Chlorine, (mg/L)	IS: 3025 (P-26): 2021	0.2 Min.	1.0 Max.	Not Applicable
m.	Iron (as Fe)(mg/L)	IS: 3025 (P-53)-2003 (RA 2019)	1.0 Max.	No relaxation	0.12
n.	Magnesium as Mg (mg/L)	IS: 3025 (Part 46)-1994 (RA 2019)	30 Max.	100 Max.	84.4


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Test Report

Document QF : 2501

Page 4 of 5

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2206211007 Sample Reg. Date :21-06-2022 Report Date :13-07-2022 Report No. :ICE-2207130604 NABL ULR No. :TC592622000010099F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

o.	Manganese as Mn, (mg/L)	IS: 3025 (Part 59)-2006 (RA 2017)	0.1 Max.	0.3 Max.	BLQ(LOQ : 0.1)
p.	Mineral Oil, (mg/L)	IS: 3025 (Part 39)-2021	1.0 Max.	No Relaxation	BLQ(LOQ : 1.0)
q.	Nitrate as NO ₃ (mg/L)	APHA 23rd Edition 2017, 4500 NO3	45 Max.	No Relaxation	14
r.	Selenium (as Se) (mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.01 Max.	No Relaxation	0.004
s.	Silver (as Ag) (mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.1 Max.	No Relaxation	BLQ(LOQ:0.002)
t.	Sulphate(as SO ₄)(mg/L)	IS: 3025 (P-24/Sec-1)-2022	200 Max.	400 Max.	1290.5
u.	Sulphide as H ₂ S, (mg/L)	IS: 3025 (Part 29)-1986 (RA 2019)	0.05 Max.	No Relaxation	BLQ(LOQ : 0.05)
v.	Total Alkalinity(as CaCO ₃)(mg/L)	IS: 3025 (Part 23)-1986 (RA 2019)	200 Max.	600 Max.	491.4
w.	Total Hardness(as CaCO ₃)(mg/L)	IS: 3025 (Part 21)-2009 (RA 2019)	200 Max.	600 Max.	703
x.	Zinc(as Zn)(mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	5 Max.	15 Max.	0.010
3. Parameters Concerning Toxic Substances					
a.	Cadmium(as Cd)(mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.003 Max.	No Relaxation	BLQ(LOQ:0.002)
b.	Cyanide(asCN)(mg/L)	IS: 3025 (P-27)-1986 (RA 2019)	0.05 Max.	No Relaxation	BLQ(LOQ : 0.01)
c.	Lead(as Pb)(mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.01 Max.	No Relaxation	BLQ(LOQ:0.002)
d.	Mercury(as Hg)(mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.001 Max.	No Relaxation	BLQ(LOQ:0.001)
e.	Molybdenum(as Mo)(mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.07 Max.	No Relaxation	BLQ(LOQ:0.002)

Gaurav Khandelwal
13-07-2022

Gaurav Khandelwal
[Authorized Signatory]

Vikrant
13-07-2022

Vikrant
13-07-2022
Reviewer

PremKumar
13-07-2022

PremKumar
[Authorized Signatory]

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Page 5 of 5

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2206211007 Sample Reg. Date :21-06-2022 Report Date :13-07-2022 Report No. :ICE-2207130604 NABL ULR No. :TC592622000010099F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

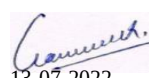
f.	Nickel(as Ni) (mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.02 Max.	No Relaxation	BLQ(LOQ:0.002)
g.	Total Arsenic(as As)(mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.01 Max.	No relaxation	BLQ(LOQ:0.002)
h.	Total Chromium(as Cr)(mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.05 Max.	No Relaxation	BLQ(LOQ:0.002)
Discipline : Biological					
Group : Water					
1. Microbiological Tests					
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

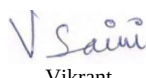
'#' represents Customer Defined Fields

NOTE : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification. Sampling Procedure : SOP/ITC/EW/030. * Test performed because sample is not safe for ingestion.

REMARKS :N/A

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


13-07-2022
Gaurav Khandelwal
[Authorized Signatory]


Vikrant
13-07-2022
Reviewer


13-07-2022
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

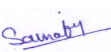
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Test Report

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Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2206211025 Sample Reg. Date :21-06-2022 Report Date :24-06-2022 Report No. :ICE-2206240899 NABL ULR No. :TC592622000008982F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020
Test Report as per :	: EPA Act 1986/PCLS/2010
Sampling Information :	
Name of Sample	: Ambient Noise
Date of Monitoring	: 17-06-2022
Time of Monitoring	: Day & Night
Nature of Industry	: Thermal Power Plant
Purpose of Monitoring	: For Self Monitoring


 Saurabh Sharma
 24-06-2022
 Reviewer


 24-06-2022
 PremKumar
 [Authorized Signatory]

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Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2206211025 Sample Reg. Date :21-06-2022 Report Date :24-06-2022 Report No. :ICE-2206240899 NABL ULR No. :TC592622000008982F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

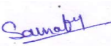
Description				
Description	Noise Monitoring			
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Atmospheric Pollution				
1.	Location Name			
a.	Near Gate No.1 (Day Time), Leq dB (A)	IS:9989(RA 2014)	Max. 75.0	54.6
b.	Near Gate No.1 (Night Time), Leq dB (A)	IS:9989(RA 2014)	Max. 70.0	50.3
c.	Near Gate No.2 (Day Time), Leq dB (A)	IS:9989(RA 2014)	Max. 75.0	56.4
d.	Near Gate No.2 (Night Time), Leq dB (A)	IS:9989(RA 2014)	Max. 70.0	48.3
e.	Near Gate No.3 (Day Time), Leq dB (A)	IS:9989(RA 2014)	Max. 75.0	54.7
f.	Near Gate No.3 (Night Time), Leq dB (A)	IS:9989(RA 2014)	Max. 70.0	50.0
g.	Near Guest House (Day Time), Leq dB (A)	IS:9989(RA 2014)	Max. 75.0	56.4
h.	Near Guest House (Night Time), Leq dB (A)	IS:9989(RA 2014)	Max. 70.0	48.9

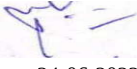
'#' represents Customer Defined Fields

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
24-06-2022
Reviewer


24-06-2022
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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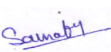
Test Report

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Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. : E01-2206140696 Sample Reg. Date : 14-06-2022 Report Date : 16-06-2022 Report No. : ICE-2206160635 NABL ULR No. : TC592622000008773F Customer Ref. No. : Order No.5030010814 Letter Dated : 29.10.2020

Test Report as per :	: EPA Act 1986/PCLS/2010,G.S.R 281(E),Dated- 07.03.2016
Sampling Information :	
Date of Monitoring	: 10-06-2022
Time of Monitoring	: 12:15 hrs
Purpose of Monitoring	: For Self Monitoring
Source of Noise Pollution Monitored	: DG Set-1 (1600 kVA)
Engine No.	: 16171
Make	: Mitsuhashi Heavy
Date of mfg of DG Set	: 01-2010
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
	Discipline : Chemical			


Saurabh Sharma
16-06-2022
Reviewer


16-06-2022
PremKumar
[Authorized Signatory]

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Test Report

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Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2206140696 Sample Reg. Date :14-06-2022 Report Date :16-06-2022 Report No. :ICE-2206160635 NABL ULR No. :TC592622000008773F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

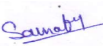
Group : Atmospheric Pollution				
1. General Parameters				
a.	Open Door at 0.5 meter away from Acoustic Enclosure, dB (A)	CPCB Guidelines	--	97.3
b.	Closed Door at 0.5 meter away from Acoustic Enclosure, dB (A)	CPCB Guidelines	Max. 75.0	72.0
c.	Insertion Loss	CPCB Guidelines	Min. 25.0	25.2

'#' 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
16-06-2022
Reviewer


16-06-2022
PremKumar
[Authorized Signatory]

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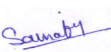
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2206140697 Sample Reg. Date :14-06-2022 Report Date :16-06-2022 Report No. :ICE-2206160634 NABL ULR No. :TC592622000008770F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: EPA Act 1986/PCLS/2010,G.S.R 281(E),Dated- 07.03.2016
Sampling Information :	
Date of Monitoring	: 10-06-2022
Time of Monitoring	: 13:10 hrs
Purpose of Monitoring	: For Self Monitoring
Source of Noise Pollution Monitored	: DG Set-2 (1600 kVA)
Engine No.	: 16386
Make	: Mitsubishi Heavy India Ltd.
Date of mfg of DG Set	: 05-2010
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
	Discipline : Chemical			


Saurabh Sharma
16-06-2022
Reviewer


16-06-2022
PremKumar
[Authorized Signatory]

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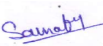
Group : Atmospheric Pollution				
1. General Parameters				
a.	Open Door at 0.5 meter away from Acoustic Enclosure, dB (A)	CPCB Guidelines	--	96.8
b.	Closed Door at 0.5 meter away from Acoustic Enclosure, dB (A)	CPCB Guidelines	Max. 75.0	71.7
c.	Insertion Loss	CPCB Guidelines	Min. 25.0	25.1

'#' 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
16-06-2022
Reviewer


16-06-2022
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 (2x 660MW)	Linkage Domestic	Apr '22 to Jun '22	39.24 %	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.



Our Ref : JPL/HSPCB/ENV/012423
Date : October 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

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 July 2022- **Annexure I**

Monitoring Reports of Air, Water& Noise of Aug 2022 - **Annexure II**

Monitoring Reports of Air, Water& Noise of September 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:

7th Floor, Fulcrum, Sahar Road,
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:

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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

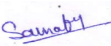
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2207130362 Sample Reg. Date :13-07-2022 Report Date :19-07-2022 Report No. :ICE-2207190936 NABL ULR No. :TC592622000010484F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Gate No.3
Date of Monitoring	: 04-07-2022
Time of Monitoring	: 11:00 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.34
Volume of air sampled,m3	: 1823.74
Avg. Ambient Temperature,°C	: 34

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	7.13
b.	Nitrogen Dioxide(NO2),µg/m3	IS:5182(P-6)	80 Max	24.12
c.	Particulate Matter (PM10),µg/m3	IS:5182(P-23)	100 Max	110.38
d.	Particulate matter (PM 2.5),µg/m3	IS: 5182 (P-24)	60 Max	49.24


Saurabh Sharma
19-07-2022
Reviewer


19-07-2022
PremKumar
[Authorized Signatory]

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e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	25.18
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	1.4
h.	Ammonia(NH ₃),µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	30.65
i.	Benzene (C ₆ H ₆),µg/m ³	IS: 5182 (P-11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS: 5182 (P-12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	STP/ITC/EW/002	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
19-07-2022
Reviewer


19-07-2022
PremKumar
[Authorized Signatory]

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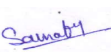
Test Report

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Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2207130361 Sample Reg. Date :13-07-2022 Report Date :19-07-2022 Report No. :ICE-2207190934 NABL ULR No. :TC592622000010490F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Block C-3
Date of Monitoring	: 04-07-2022
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	: 1811..94
Avg. Ambient Temperature,°C	: 36

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(SO ₂),µg/m ³	IS:5182(P-2)	80 Max	12.28
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS:5182(P-6)	80 Max	20.34
c.	Particulate Matter (PM ₁₀),µg/m ³	IS:5182(P-23)	100 Max	98.13
d.	Particulate matter (PM _{2.5}),µg/m ³	IS: 5182 (P-24)	60 Max	45.03


Saurabh Sharma
19-07-2022
Reviewer


19-07-2022
PremKumar
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2207130361 Sample Reg. Date :13-07-2022 Report Date :19-07-2022 Report No. :ICE-2207190934 NABL ULR No. :TC592622000010490F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

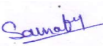
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	21.25
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	1.3
h.	Ammonia(NH ₃),µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	24.15
i.	Benzene (C ₆ H ₆),µg/m ³	IS: 5182 (P-11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS: 5182 (P-12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	STP/ITC/EW/002	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
19-07-2022
Reviewer


19-07-2022
PremKumar
[Authorized Signatory]

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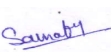
Test Report

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Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2207130363 Sample Reg. Date :13-07-2022 Report Date :19-07-2022 Report No. :ICE-2207190937 NABL ULR No. :TC592622000010483F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Village-Khanpur
Date of Monitoring	: 04-07-2022
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	: 1806.09
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	12.20
b.	Nitrogen Dioxide(NO2),µg/m3	IS:5182(P-6)	80 Max	30.32
c.	Particulate Matter (PM ₁₀),µg/m3	IS:5182(P-23)	100 Max	125.35
d.	Particulate matter (PM _{2.5}),µg/m3	IS: 5182 (P-24)	60 Max	55.13


Saurabh Sharma
19-07-2022
Reviewer


19-07-2022
PremKumar
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2207130363 Sample Reg. Date :13-07-2022 Report Date :19-07-2022 Report No. :ICE-2207190937 NABL ULR No. :TC592622000010483F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

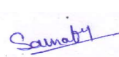
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	24.19
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	1.2
h.	Ammonia(NH ₃),µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	31.15
i.	Benzene (C ₆ H ₆),µg/m ³	IS: 5182 (P-11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS: 5182 (P-12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	STP/ITC/EW/002	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
19-07-2022
Reviewer


19-07-2022
PremKumar
[Authorized Signatory]

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2207130364 Sample Reg. Date :13-07-2022 Report Date :19-07-2022 Report No. :ICE-2207190917 NABL ULR No. :TC592622000010450F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Shakti Vihar
Date of Monitoring	: 04-07-2022
Time of Monitoring	: 11:50 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.34
Volume of air sampled,m3	: 1806.09
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	6.10
b.	Nitrogen Dioxide(NO2),µg/m3	IS:5182(P-6)	80 Max	10.30
c.	Particulate Matter (PM10),µg/m3	IS:5182(P-23)	100 Max	90.25
d.	Particulate matter (PM 2.5),µg/m3	IS: 5182 (P-24)	60 Max	41.25

Saurabh
Saurabh Sharma
19-07-2022
Reviewer

PremKumar
19-07-2022
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2207130364 Sample Reg. Date :13-07-2022 Report Date :19-07-2022 Report No. :ICE-2207190917 NABL ULR No. :TC592622000010450F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

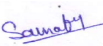
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	22.08
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	BLQ (LOQ:1.0)
h.	Ammonia(NH ₃),µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	24.10
i.	Benzene (C ₆ H ₆),µg/m ³	IS: 5182 (P-11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS: 5182 (P-12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	STP/ITC/EW/002	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
19-07-2022
Reviewer


19-07-2022
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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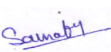
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2207130366 Sample Reg. Date :13-07-2022 Report Date :19-07-2022 Report No. :ICE-2207190919 NABL ULR No. :TC592622000010448F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Gate No.3
Date of Monitoring	: 07-07-2022
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	: 1811.94
Avg. Ambient Temperature,°C	: 36

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(SO ₂),µg/m ³	IS:5182(P-2)	80 Max	16.11
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS:5182(P-6)	80 Max	25.35
c.	Particulate Matter (PM ₁₀),µg/m ³	IS:5182(P-23)	100 Max	112.31
d.	Particulate matter (PM _{2.5}),µg/m ³	IS: 5182 (P-24)	60 Max	47.98


Saurabh Sharma
19-07-2022
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19-07-2022
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Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2207130366 Sample Reg. Date :13-07-2022 Report Date :19-07-2022 Report No. :ICE-2207190919 NABL ULR No. :TC592622000010448F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

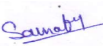
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	24.19
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	1.4
h.	Ammonia(NH ₃),µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	26.29
i.	Benzene (C ₆ H ₆),µg/m ³	IS: 5182 (P-11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS: 5182 (P-12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	STP/ITC/EW/002	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
19-07-2022
Reviewer


19-07-2022
PremKumar
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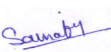
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2207130365 Sample Reg. Date :13-07-2022 Report Date :19-07-2022 Report No. :ICE-2207190918 NABL ULR No. :TC592622000010445F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Block C-6
Date of Monitoring	: 07-07-2022
Time of Monitoring	: 11:00 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.34
Volume of air sampled, m ³	: 1800.29
Avg. Ambient Temperature, °C	: 38

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(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	10.32
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	15.43
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	103.26
d.	Particulate matter (PM _{2.5}), µg/m ³	IS: 5182 (P-24)	60 Max	48.40


Saurabh Sharma
19-07-2022
Reviewer


19-07-2022
PremKumar
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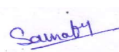
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	25.36
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	1.2
h.	Ammonia(NH ₃),µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	29.10
i.	Benzene (C ₆ H ₆),µg/m ³	IS: 5182 (P-11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS: 5182 (P-12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	STP/ITC/EW/002	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
19-07-2022
Reviewer


19-07-2022
PremKumar
[Authorized Signatory]

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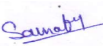
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2207130367 Sample Reg. Date :13-07-2022 Report Date :19-07-2022 Report No. :ICE-2207190920 NABL ULR No. :TC592622000010446F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Village-Khanpur
Date of Monitoring	: 07-07-2022
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	: 1811.94
Avg. Ambient Temperature,°C	: 36

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(SO ₂),µg/m ³	IS:5182(P-2)	80 Max	10.18
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS:5182(P-6)	80 Max	22.34
c.	Particulate Matter (PM ₁₀),µg/m ³	IS:5182(P-23)	100 Max	106.24
d.	Particulate matter (PM _{2.5}),µg/m ³	IS: 5182 (P-24)	60 Max	50.51


Saurabh Sharma
19-07-2022
Reviewer


19-07-2022
PremKumar
[Authorized Signatory]

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Test Report

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Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2207130367 Sample Reg. Date :13-07-2022 Report Date :19-07-2022 Report No. :ICE-2207190920 NABL ULR No. :TC592622000010446F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

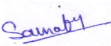
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	22.15
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	1.4
h.	Ammonia(NH ₃),µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	32.64
i.	Benzene (C ₆ H ₆),µg/m ³	IS: 5182 (P-11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS: 5182 (P-12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	STP/ITC/EW/002	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
19-07-2022
Reviewer


19-07-2022
PremKumar
[Authorized Signatory]

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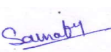
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2207130368 Sample Reg. Date :13-07-2022 Report Date :19-07-2022 Report No. :ICE-2207190921 NABL ULR No. :TC592622000010444F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Shakti Vihar
Date of Monitoring	: 07-07-2022
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	: 1788.78
Avg. Ambient Temperature,°C	: 40

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	13.19
c.	Particulate Matter (PM10),µg/m3	IS:5182(P-23)	100 Max	95.09
d.	Particulate matter (PM 2.5),µg/m3	IS: 5182 (P-24)	60 Max	42.09


Saurabh Sharma
19-07-2022
Reviewer


19-07-2022
PremKumar
[Authorized Signatory]

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Test Report

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Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2207130368 Sample Reg. Date :13-07-2022 Report Date :19-07-2022 Report No. :ICE-2207190921 NABL ULR No. :TC592622000010444F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

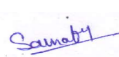
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	22.15
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	BLQ (LOQ:1.0)
h.	Ammonia(NH ₃),µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ(LOQ:20)
i.	Benzene (C ₆ H ₆),µg/m ³	IS: 5182 (P-11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS: 5182 (P-12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	STP/ITC/EW/002	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
19-07-2022
Reviewer


19-07-2022
PremKumar
[Authorized Signatory]

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Test Report

Document QF : 2501

Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. : E01-2207180567 Sample Reg. Date : 18-07-2022 Report Date : 23-07-2022 Report No. : ICE-2207231017 NABL ULR No. : TC592622000010663F Customer Ref. No. : Order No.5030010814 Letter Dated : 29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Gate No.3
Date of Monitoring	: 11-07-2022
Time of Monitoring	: 11:00 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.34
Volume of air sampled, m ³	: 1811.94
Avg. Ambient Temperature, °C	: 36

Description					
Description		Ambient Air Quality Monitoring			
S.No.	Parameters	Instrument	Method	Specification	Result
	Discipline : Chemical				
	Group : Atmospheric Pollution				
1.	Ambient Air Quality Parameters				
a.	Sulphur Dioxide(SO ₂), µg/m ³	UV-Spectrophotometer	IS:5182(P-2)	80 Max	10.25
b.	Nitrogen Dioxide(NO ₂), µg/m ³	UV-Spectrophotometer	IS:5182(P-6)	80 Max	19.65
c.	Particulate Matter (PM ₁₀), µg/m ³	Gravimetric	IS:5182(P-23)	100 Max	105.30

Saurabh Sharma
23-07-2022
Reviewer

23-07-2022
Saurabh Sharma
[Authorized Signatory]

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Test Report

Document QF : 2501

Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2207180567 Sample Reg. Date :18-07-2022 Report Date :23-07-2022 Report No. :ICE-2207231017 NABL ULR No. :TC592622000010663F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

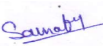
d.	Particulate matter (PM _{2.5}),µg/m3	Gravimetric	IS: 5182 (P-24)	60 Max	53.03
e.	Ozone(O ₃),µg/m3	UV-Spectrophotometer	IS:5182(P-9)	180 Max	21.27
f.	Lead(As Pb),µg/m3	ICPOES	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m3	GC	IS:5182(P-10)	4 Max	1.4
h.	Ammonia(NH ₃),µg/m3	UV-Spectrophotometer	IS:5182(P-25)	400 Max	27.32
i.	Benzene (C ₆ H ₆),µg/m3	GC	IS: 5182 (P-11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	GCMSMS	IS: 5182 (P-12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	ICPOES	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m3	ICPOES	STP/ITC/EW/002	20 Max.	BLQ(LOQ:1.0)

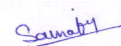
'#' represents Customer Defined Fields

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
23-07-2022
Reviewer


23-07-2022
Saurabh Sharma
[Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.
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Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2207180566 Sample Reg. Date :18-07-2022 Report Date :23-07-2022 Report No. :ICE-2207231016 NABL ULR No. :TC592622000010662F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Block C-3
Date of Monitoring	: 11-07-2022
Time of Monitoring	: 11:30 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.34
Volume of air sampled, m ³	: 1806.09
Avg. Ambient Temperature, °C	: 37

Description					
Description		Ambient Air Quality Monitoring			
S.No.	Parameters	Instrument	Method	Specification	Result
	Discipline : Chemical				
	Group : Atmospheric Pollution				
1.	Ambient Air Quality Parameters				
a.	Sulphur Dioxide(SO ₂), µg/m ³	UV-Spectrophotometer	IS:5182(P-2)	80 Max	9.55
b.	Nitrogen Dioxide(NO ₂), µg/m ³	UV-Spectrophotometer	IS:5182(P-6)	80 Max	14.19
c.	Particulate Matter (PM ₁₀), µg/m ³	Gravimetric	IS:5182(P-23)	100 Max	106.25

Saurabh Sharma
23-07-2022
Reviewer

23-07-2022
Saurabh Sharma
[Authorized Signatory]

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Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2207180566 Sample Reg. Date :18-07-2022 Report Date :23-07-2022 Report No. :ICE-2207231016 NABL ULR No. :TC592622000010662F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

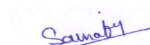
d.	Particulate matter (PM _{2.5}),µg/m3	Gravimetric	IS: 5182 (P-24)	60 Max	52.19
e.	Ozone(O ₃),µg/m3	UV-Spectrophotometer	IS:5182(P-9)	180 Max	28.05
f.	Lead(As Pb),µg/m3	ICPOES	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m3	GC	IS:5182(P-10)	4 Max	1.2
h.	Ammonia(NH ₃),µg/m3	UV-Spectrophotometer	IS:5182(P-25)	400 Max	32.16
i.	Benzene (C ₆ H ₆),µg/m3	GC	IS: 5182 (P-11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	GCMSMS	IS: 5182 (P-12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	ICPOES	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m3	ICPOES	STP/ITC/EW/002	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

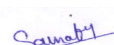
NOTE : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per NAAQS 2009.
Sampling Procedure: SOP/ITC/EW/056

REMARKS :N/A

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



Saurabh Sharma
23-07-2022
Reviewer



23-07-2022
Saurabh Sharma
[Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.
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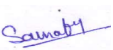
Document QF : 2501

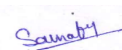
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2207180568 Sample Reg. Date :18-07-2022 Report Date :23-07-2022 Report No. :ICE-2207231018 NABL ULR No. :TC592622000010667F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Village-Khanpur
Date of Monitoring	: 11-07-2022
Time of Monitoring	: 10:40 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.33
Volume of air sampled, m ³	: 1804.25
Avg. Ambient Temperature, °C	: 35

Description					
Description		Ambient Air Quality Monitoring			
S.No.	Parameters	Instrument	Method	Specification	Result
	Discipline : Chemical				
	Group : Atmospheric Pollution				
1.	Ambient Air Quality Parameters				
a.	Sulphur Dioxide(SO ₂), µg/m ³	UV-Spectrophotometer	IS:5182(P-2)	80 Max	7.45
b.	Nitrogen Dioxide(NO ₂), µg/m ³	UV-Spectrophotometer	IS:5182(P-6)	80 Max	16.34
c.	Particulate Matter (PM ₁₀), µg/m ³	Gravimetric	IS:5182(P-23)	100 Max	110.29


Saurabh Sharma
23-07-2022
Reviewer


23-07-2022
Saurabh Sharma
[Authorized Signatory]

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Test Report

Document QF : 2501

Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2207180568 Sample Reg. Date :18-07-2022 Report Date :23-07-2022 Report No. :ICE-2207231018 NABL ULR No. :TC592622000010667F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

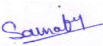
d.	Particulate matter (PM _{2.5}),µg/m3	Gravimetric	IS: 5182 (P-24)	60 Max	50.08
e.	Ozone(O ₃),µg/m3	UV-Spectrophotometer	IS:5182(P-9)	180 Max	24.15
f.	Lead(As Pb),µg/m3	ICPOES	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m3	GC	IS:5182(P-10)	4 Max	1.3
h.	Ammonia(NH ₃),µg/m3	UV-Spectrophotometer	IS:5182(P-25)	400 Max	27.45
i.	Benzene (C ₆ H ₆),µg/m3	GC	IS: 5182 (P-11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	GCMSMS	IS: 5182 (P-12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	ICPOES	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m3	ICPOES	STP/ITC/EW/002	20 Max.	BLQ(LOQ:1.0)

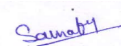
'#' represents Customer Defined Fields

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
23-07-2022
Reviewer


23-07-2022
Saurabh Sharma
[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

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2207180569 Sample Reg. Date :18-07-2022 Report Date :23-07-2022 Report No. :ICE-2207231019 NABL ULR No. :TC592622000010668F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Shakti Vihar
Date of Monitoring	: 11-07-2022
Time of Monitoring	: 11:50 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.34
Volume of air sampled, m ³	: 1800.29
Avg. Ambient Temperature, °C	: 38

Description					
Description		Ambient Air Quality Monitoring			
S.No.	Parameters	Instrument	Method	Specification	Result
	Discipline : Chemical				
	Group : Atmospheric Pollution				
1.	Ambient Air Quality Parameters				
a.	Sulphur Dioxide(SO ₂), µg/m ³	UV-Spectrophotometer	IS:5182(P-2)	80 Max	8.18
b.	Nitrogen Dioxide(NO ₂), µg/m ³	UV-Spectrophotometer	IS:5182(P-6)	80 Max	17.45
c.	Particulate Matter (PM ₁₀), µg/m ³	Gravimetric	IS:5182(P-23)	100 Max	87.21

Saurabh Sharma
23-07-2022
Reviewer

23-07-2022
Saurabh Sharma
[Authorized Signatory]

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Test Report

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2207180569 Sample Reg. Date :18-07-2022 Report Date :23-07-2022 Report No. :ICE-2207231019 NABL ULR No. :TC592622000010668F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

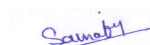
d.	Particulate matter (PM _{2.5}),µg/m3	Gravimetric	IS: 5182 (P-24)	60 Max	53.45
e.	Ozone(O ₃),µg/m3	UV-Spectrophotometer	IS:5182(P-9)	180 Max	23.56
f.	Lead(As Pb),µg/m3	ICPOES	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m3	GC	IS:5182(P-10)	4 Max	BLQ (LOQ:1.0)
h.	Ammonia(NH ₃),µg/m3	UV-Spectrophotometer	IS:5182(P-25)	400 Max	28.65
i.	Benzene (C ₆ H ₆),µg/m3	GC	IS: 5182 (P-11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	GCMSMS	IS: 5182 (P-12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	ICPOES	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m3	ICPOES	STP/ITC/EW/002	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

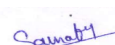
NOTE : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per NAAQS 2009.
Sampling Procedure: SOP/ITC/EW/056

REMARKS :N/A

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



Saurabh Sharma
23-07-2022
Reviewer



23-07-2022
Saurabh Sharma
[Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.
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Panchkula-134109 (Haryana)
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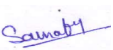
Document QF : 2501

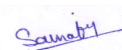
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. : E01-2207180571 Sample Reg. Date : 18-07-2022 Report Date : 23-07-2022 Report No. : ICE-2207231021 NABL ULR No. : TC592622000010661F Customer Ref. No. : Order No.5030010814 Letter Dated : 29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Gate No.3
Date of Monitoring	: 14-07-2022
Time of Monitoring	: 10:50 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.34
Volume of air sampled, m ³	: 1806.09
Avg. Ambient Temperature, °C	: 37

Description					
Description		Ambient Air Quality Monitoring			
S.No.	Parameters	Instrument	Method	Specification	Result
	Discipline : Chemical				
	Group : Atmospheric Pollution				
1.	Ambient Air Quality Parameters				
a.	Sulphur Dioxide(SO ₂), µg/m ³	UV-Spectrophotometer	IS:5182(P-2)	80 Max	9.26
b.	Nitrogen Dioxide(NO ₂), µg/m ³	UV-Spectrophotometer	IS:5182(P-6)	80 Max	20.28
c.	Particulate Matter (PM ₁₀), µg/m ³	Gravimetric	IS:5182(P-23)	100 Max	102.15


Saurabh Sharma
23-07-2022
Reviewer


23-07-2022
Saurabh Sharma
[Authorized Signatory]

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Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2207180571 Sample Reg. Date :18-07-2022 Report Date :23-07-2022 Report No. :ICE-2207231021 NABL ULR No. :TC592622000010661F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

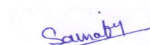
d.	Particulate matter (PM _{2.5}),µg/m3	Gravimetric	IS: 5182 (P-24)	60 Max	48.40
e.	Ozone(O ₃),µg/m3	UV-Spectrophotometer	IS:5182(P-9)	180 Max	24.52
f.	Lead(As Pb),µg/m3	ICPOES	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m3	GC	IS:5182(P-10)	4 Max	1.2
h.	Ammonia(NH ₃),µg/m3	UV-Spectrophotometer	IS:5182(P-25)	400 Max	29.08
i.	Benzene (C ₆ H ₆),µg/m3	GC	IS: 5182 (P-11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	GCMSMS	IS: 5182 (P-12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	ICPOES	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m3	ICPOES	STP/ITC/EW/002	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

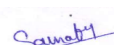
NOTE : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per NAAQS 2009.
Sampling Procedure: SOP/ITC/EW/056

REMARKS :N/A

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



Saurabh Sharma
23-07-2022
Reviewer



23-07-2022
Saurabh Sharma
[Authorized Signatory]

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Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2207180570 Sample Reg. Date :18-07-2022 Report Date :23-07-2022 Report No. :ICE-2207231020 NABL ULR No. :TC592622000010671F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Block C-6
Date of Monitoring	: 14-07-2022
Time of Monitoring	: 11:00 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.34
Volume of air sampled, m ³	: 1800.29
Avg. Ambient Temperature, °C	: 38

Description					
Description		Ambient Air Quality Monitoring			
S.No.	Parameters	Instrument	Method	Specification	Result
	Discipline : Chemical				
	Group : Atmospheric Pollution				
1.	Ambient Air Quality Parameters				
a.	Sulphur Dioxide(SO ₂), µg/m ³	UV-Spectrophotometer	IS:5182(P-2)	80 Max	7.15
b.	Nitrogen Dioxide(NO ₂), µg/m ³	UV-Spectrophotometer	IS:5182(P-6)	80 Max	10.20
c.	Particulate Matter (PM ₁₀), µg/m ³	Gravimetric	IS:5182(P-23)	100 Max	85.26

Saurabh Sharma
23-07-2022
Reviewer

23-07-2022
Saurabh Sharma
[Authorized Signatory]

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2207180570 Sample Reg. Date :18-07-2022 Report Date :23-07-2022 Report No. :ICE-2207231020 NABL ULR No. :TC592622000010671F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

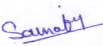
d.	Particulate matter (PM _{2.5}),µg/m3	Gravimetric	IS: 5182 (P-24)	60 Max	38.30
e.	Ozone(O ₃),µg/m3	UV-Spectrophotometer	IS:5182(P-9)	180 Max	22.09
f.	Lead(As Pb),µg/m3	ICPOES	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m3	GC	IS:5182(P-10)	4 Max	1.1
h.	Ammonia(NH ₃),µg/m3	UV-Spectrophotometer	IS:5182(P-25)	400 Max	28.35
i.	Benzene (C ₆ H ₆),µg/m3	GC	IS: 5182 (P-11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	GCMSMS	IS: 5182 (P-12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	ICPOES	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m3	ICPOES	STP/ITC/EW/002	20 Max.	BLQ(LOQ:1.0)

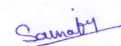
'#' represents Customer Defined Fields

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
23-07-2022
Reviewer


23-07-2022
Saurabh Sharma
[Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.
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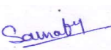
Document QF : 2501

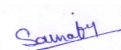
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2207180572 Sample Reg. Date :18-07-2022 Report Date :23-07-2022 Report No. :ICE-2207231022 NABL ULR No. :TC592622000010669F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Village-Khanpur
Date of Monitoring	: 14-07-2022
Time of Monitoring	: 10:30 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.32
Volume of air sampled, m ³	: 1784.89
Avg. Ambient Temperature, °C	: 36

Description					
Description		Ambient Air Quality Monitoring			
S.No.	Parameters	Instrument	Method	Specification	Result
	Discipline : Chemical				
	Group : Atmospheric Pollution				
1.	Ambient Air Quality Parameters				
a.	Sulphur Dioxide(SO ₂), µg/m ³	UV-Spectrophotometer	IS:5182(P-2)	80 Max	8.13
b.	Nitrogen Dioxide(NO ₂), µg/m ³	UV-Spectrophotometer	IS:5182(P-6)	80 Max	12.33
c.	Particulate Matter (PM ₁₀), µg/m ³	Gravimetric	IS:5182(P-23)	100 Max	106.28


Saurabh Sharma
23-07-2022
Reviewer


23-07-2022
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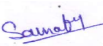
d.	Particulate matter (PM _{2.5}),µg/m3	Gravimetric	IS: 5182 (P-24)	60 Max	48.82
e.	Ozone(O ₃),µg/m3	UV-Spectrophotometer	IS:5182(P-9)	180 Max	22.05
f.	Lead(As Pb),µg/m3	ICPOES	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m3	GC	IS:5182(P-10)	4 Max	1.4
h.	Ammonia(NH ₃),µg/m3	UV-Spectrophotometer	IS:5182(P-25)	400 Max	26.16
i.	Benzene (C ₆ H ₆),µg/m3	GC	IS: 5182 (P-11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	GCMSMS	IS: 5182 (P-12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	ICPOES	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m3	ICPOES	STP/ITC/EW/002	20 Max.	BLQ(LOQ:1.0)

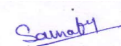
'#' represents Customer Defined Fields

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
23-07-2022
Reviewer


23-07-2022
Saurabh Sharma
[Authorized Signatory]

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2207180573 Sample Reg. Date :18-07-2022 Report Date :23-07-2022 Report No. :ICE-2207231023 NABL ULR No. :TC592622000010665F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Shakti Vihar
Date of Monitoring	: 14-07-2022
Time of Monitoring	: 11:30 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.34
Volume of air sampled, m ³	: 1794.51
Avg. Ambient Temperature, °C	: 39

Description					
Description		Ambient Air Quality Monitoring			
S.No.	Parameters	Instrument	Method	Specification	Result
	Discipline : Chemical				
	Group : Atmospheric Pollution				
1.	Ambient Air Quality Parameters				
a.	Sulphur Dioxide(SO ₂), µg/m ³	UV-Spectrophotometer	IS:5182(P-2)	80 Max	7.10
b.	Nitrogen Dioxide(NO ₂), µg/m ³	UV-Spectrophotometer	IS:5182(P-6)	80 Max	15.35
c.	Particulate Matter (PM ₁₀), µg/m ³	Gravimetric	IS:5182(P-23)	100 Max	88.27

Saurabh Sharma
23-07-2022
Reviewer

23-07-2022
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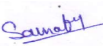
d.	Particulate matter (PM _{2.5}),µg/m ³	Gravimetric	IS: 5182 (P-24)	60 Max	52.19
e.	Ozone(O ₃),µg/m ³	UV-Spectrophotometer	IS:5182(P-9)	180 Max	21.28
f.	Lead(As Pb),µg/m ³	ICPOES	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	GC	IS:5182(P-10)	4 Max	BLQ (LOQ:1.0)
h.	Ammonia(NH ₃),µg/m ³	UV-Spectrophotometer	IS:5182(P-25)	400 Max	29.75
i.	Benzene (C ₆ H ₆),µg/m ³	GC	IS: 5182 (P-11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	GCMSMS	IS: 5182 (P-12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	ICPOES	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	ICPOES	STP/ITC/EW/002	20 Max.	BLQ(LOQ:1.0)

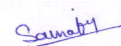
'#' represents Customer Defined Fields

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
23-07-2022
Reviewer


23-07-2022
Saurabh Sharma
[Authorized Signatory]

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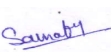
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2207250828 Sample Reg. Date :25-07-2022 Report Date :02-08-2022 Report No. :ICE-2208020061 NABL ULR No. :TC592622000011086F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Gate No.3
Date of Monitoring	: 18-07-2022
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	: 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(SO ₂),µg/m ³	IS:5182(P-2)	80 Max	14.18
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS:5182(P-6)	80 Max	20.09
c.	Particulate Matter (PM ₁₀),µg/m ³	IS:5182(P-23)	100 Max	110.23
d.	Particulate matter (PM _{2.5}),µg/m ³	IS: 5182 (P-24)	60 Max	50.93


Saurabh Sharma
02-08-2022
Reviewer


02-08-2022
PremKumar
[Authorized Signatory]

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Test Report

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2207250828 Sample Reg. Date :25-07-2022 Report Date :02-08-2022 Report No. :ICE-2208020061 NABL ULR No. :TC592622000011086F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

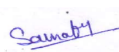
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	28.10
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	1.3
h.	Ammonia(NH ₃),µg/m ³	IS:5182(P-25)	400 Max	34.19
i.	Benzene (C ₆ H ₆),µg/m ³	IS: 5182 (P-11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS: 5182 (P-12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	STP/ITC/EW/002	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
02-08-2022
Reviewer


02-08-2022
PremKumar
[Authorized Signatory]

Disclaimer :

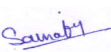
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. : E01-2207250827 Sample Reg. Date : 25-07-2022 Report Date : 02-08-2022 Report No. : ICE-2208020060 NABL ULR No. : TC592622000011087F Customer Ref. No. : Order No.5030010814 Letter Dated : 29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Block C-3
Date of Monitoring	: 18-07-2022
Time of Monitoring	: 11:50 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.34
Volume of air sampled, m ³	: 1800.29
Avg. Ambient Temperature, °C	: 38

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(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	12.39
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	17.13
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	105.43
d.	Particulate matter (PM _{2.5}), µg/m ³	IS: 5182 (P-24)	60 Max	54.29


Saurabh Sharma
02-08-2022
Reviewer


02-08-2022
PremKumar
[Authorized Signatory]

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2207250827 Sample Reg. Date :25-07-2022 Report Date :02-08-2022 Report No. :ICE-2208020060 NABL ULR No. :TC592622000011087F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

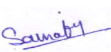
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	28.35
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	1.2
h.	Ammonia(NH ₃),µg/m ³	IS:5182(P-25)	400 Max	36.48
i.	Benzene (C ₆ H ₆),µg/m ³	IS: 5182 (P-11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS: 5182 (P-12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	STP/ITC/EW/002	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
02-08-2022
Reviewer


02-08-2022
PremKumar
[Authorized Signatory]

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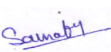
Test Report

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Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. : E01-2207250829 Sample Reg. Date : 25-07-2022 Report Date : 02-08-2022 Report No. : ICE-2208020062 NABL ULR No. : TC592622000011074F Customer Ref. No. : Order No.5030010814 Letter Dated : 29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Village-Khanpur
Date of Monitoring	: 18-07-2022
Time of Monitoring	: 11:00 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.34
Volume of air sampled, m ³	: 1806.09
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(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	7.13
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	21.03
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	108.30
d.	Particulate matter (PM _{2.5}), µg/m ³	IS: 5182 (P-24)	60 Max	48.40


Saurabh Sharma
02-08-2022
Reviewer


02-08-2022
PremKumar
[Authorized Signatory]

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2207250829 Sample Reg. Date :25-07-2022 Report Date :02-08-2022 Report No. :ICE-2208020062 NABL ULR No. :TC592622000011074F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

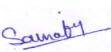
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	28.10
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	1.4
h.	Ammonia(NH ₃),µg/m ³	IS:5182(P-25)	400 Max	34.19
i.	Benzene (C ₆ H ₆),µg/m ³	IS: 5182 (P-11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS: 5182 (P-12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	STP/ITC/EW/002	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
02-08-2022
Reviewer


02-08-2022
PremKumar
[Authorized Signatory]

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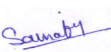
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Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2207250830 Sample Reg. Date :25-07-2022 Report Date :02-08-2022 Report No. :ICE-2208020063 NABL ULR No. :TC592622000011083F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Shakti Vihar
Date of Monitoring	: 18-07-2022
Time of Monitoring	: 12:00 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.33
Volume of air sampled,m3	: 1800.29
Avg. Ambient Temperature,°C	: 38

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(SO ₂),µg/m ³	IS:5182(P-2)	80 Max	9.22
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS:5182(P-6)	80 Max	15.24
c.	Particulate Matter (PM ₁₀),µg/m ³	IS:5182(P-23)	100 Max	85.32
d.	Particulate matter (PM _{2.5}),µg/m ³	IS: 5182 (P-24)	60 Max	42.09


Saurabh Sharma
02-08-2022
Reviewer


02-08-2022
PremKumar
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2207250830 Sample Reg. Date :25-07-2022 Report Date :02-08-2022 Report No. :ICE-2208020063 NABL ULR No. :TC592622000011083F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

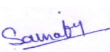
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	23.10
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	BLQ (LOQ:1.0)
h.	Ammonia(NH ₃),µg/m ³	IS:5182(P-25)	400 Max	32.48
i.	Benzene (C ₆ H ₆),µg/m ³	IS: 5182 (P-11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS: 5182 (P-12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	STP/ITC/EW/002	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
02-08-2022
Reviewer


02-08-2022
PremKumar
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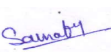
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2207250832 Sample Reg. Date :25-07-2022 Report Date :02-08-2022 Report No. :ICE-2208020065 NABL ULR No. :TC592622000011081F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Gate No.3
Date of Monitoring	: 21-07-2022
Time of Monitoring	: 12:30 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	: 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(SO ₂),µg/m ³	IS:5182(P-2)	80 Max	12.35
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS:5182(P-6)	80 Max	23.48
c.	Particulate Matter (PM ₁₀),µg/m ³	IS:5182(P-23)	100 Max	106.38
d.	Particulate matter (PM _{2.5}),µg/m ³	IS: 5182 (P-24)	60 Max	49.66


Saurabh Sharma
02-08-2022
Reviewer


02-08-2022
PremKumar
[Authorized Signatory]

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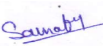
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	21.78
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	1.2
h.	Ammonia(NH ₃),µg/m ³	IS:5182(P-25)	400 Max	29.60
i.	Benzene (C ₆ H ₆),µg/m ³	IS: 5182 (P-11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS: 5182 (P-12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	STP/ITC/EW/002	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
02-08-2022
Reviewer


02-08-2022
PremKumar
[Authorized Signatory]

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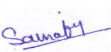
Test Report

Document QF : 2501
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2207250831 Sample Reg. Date :25-07-2022 Report Date :02-08-2022 Report No. :ICE-2208020064 NABL ULR No. :TC592622000011082F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Block C-6
Date of Monitoring	: 21-07-2022
Time of Monitoring	: 12:50 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.33
Volume of air sampled, m ³	: 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(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	6.25
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	15.76
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	94.16
d.	Particulate matter (PM _{2.5}), µg/m ³	IS: 5182 (P-24)	60 Max	48.40


Saurabh Sharma
02-08-2022
Reviewer


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PremKumar
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Document QF : 2501
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2207250831 Sample Reg. Date :25-07-2022 Report Date :02-08-2022 Report No. :ICE-2208020064 NABL ULR No. :TC592622000011082F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

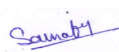
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	26.17
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	1.4
h.	Ammonia(NH ₃),µg/m ³	IS:5182(P-25)	400 Max	32.10
i.	Benzene (C ₆ H ₆),µg/m ³	IS: 5182 (P-11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS: 5182 (P-12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	STP/ITC/EW/002	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
02-08-2022
Reviewer


02-08-2022
PremKumar
[Authorized Signatory]

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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2207250833 Sample Reg. Date :25-07-2022 Report Date :02-08-2022 Report No. :ICE-2208020066 NABL ULR No. :TC592622000011080F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Village-Khanpur
Date of Monitoring	: 21-07-2022
Time of Monitoring	: 12:10 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	: 1806.09
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(SO ₂),µg/m ³	IS:5182(P-2)	80 Max	8.30
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS:5182(P-6)	80 Max	17.64
c.	Particulate Matter (PM ₁₀),µg/m ³	IS:5182(P-23)	100 Max	112.07
d.	Particulate matter (PM _{2.5}),µg/m ³	IS: 5182 (P-24)	60 Max	54.29

Saurabh
Saurabh Sharma
02-08-2022
Reviewer

PremKumar
02-08-2022
PremKumar
[Authorized Signatory]

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Test Report

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2207250833 Sample Reg. Date :25-07-2022 Report Date :02-08-2022 Report No. :ICE-2208020066 NABL ULR No. :TC592622000011080F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

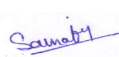
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	25.16
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	1.3
h.	Ammonia(NH ₃),µg/m ³	IS:5182(P-25)	400 Max	32.68
i.	Benzene (C ₆ H ₆),µg/m ³	IS: 5182 (P-11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS: 5182 (P-12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	STP/ITC/EW/002	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
02-08-2022
Reviewer


02-08-2022
PremKumar
[Authorized Signatory]

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Test Report

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Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2207250834 Sample Reg. Date :25-07-2022 Report Date :02-08-2022 Report No. :ICE-2208020067 NABL ULR No. :TC592622000011079F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Shakti Vihar
Date of Monitoring	: 21-07-2022
Time of Monitoring	: 13:10 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	: 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(SO ₂),µg/m ³	IS:5182(P-2)	80 Max	10.21
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS:5182(P-6)	80 Max	18.52
c.	Particulate Matter (PM ₁₀),µg/m ³	IS:5182(P-23)	100 Max	92.10
d.	Particulate matter (PM _{2.5}),µg/m ³	IS: 5182 (P-24)	60 Max	45.03

Saurabh Sharma
02-08-2022
Reviewer

02-08-2022
PremKumar
[Authorized Signatory]

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2207250834 Sample Reg. Date :25-07-2022 Report Date :02-08-2022 Report No. :ICE-2208020067 NABL ULR No. :TC592622000011079F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

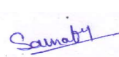
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	22.05
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	BLQ (LOQ:1.0)
h.	Ammonia(NH ₃),µg/m ³	IS:5182(P-25)	400 Max	28.51
i.	Benzene (C ₆ H ₆),µg/m ³	IS: 5182 (P-11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS: 5182 (P-12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	STP/ITC/EW/002	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
02-08-2022
Reviewer


02-08-2022
PremKumar
[Authorized Signatory]

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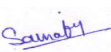
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2207301044 Sample Reg. Date :30-07-2022 Report Date :04-08-2022 Report No. :ICE-2208040217 NABL ULR No. :TC592622000011198F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Gate No.3
Date of Monitoring	: 25-07-2022
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	: 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(SO ₂),µg/m ³	IS:5182(P-2)	80 Max	12.35
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS:5182(P-6)	80 Max	21.66
c.	Particulate Matter (PM ₁₀),µg/m ³	IS:5182(P-23)	100 Max	112.13
d.	Particulate matter (PM _{2.5}),µg/m ³	IS: 5182 (P-24)	60 Max	56.40


Saurabh Sharma
04-08-2022
Reviewer


04-08-2022
PremKumar
[Authorized Signatory]

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2207301044 Sample Reg. Date :30-07-2022 Report Date :04-08-2022 Report No. :ICE-2208040217 NABL ULR No. :TC592622000011198F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

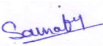
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	22.52
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	1.4
h.	Ammonia(NH ₃),µg/m ³	IS:5182(P-25)	400 Max	31.85
i.	Benzene (C ₆ H ₆),µg/m ³	IS: 5182 (P-11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS: 5182 (P-12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	STP/ITC/EW/002	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
04-08-2022
Reviewer


04-08-2022
PremKumar
[Authorized Signatory]

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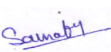
Test Report

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. : E01-2207301043 Sample Reg. Date : 30-07-2022 Report Date : 04-08-2022 Report No. : ICE-2208040216 NABL ULR No. : TC592622000011197F Customer Ref. No. : Order No.5030010814 Letter Dated : 29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Block C-3
Date of Monitoring	: 25-07-2022
Time of Monitoring	: 11:50 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.34
Volume of air sampled, m ³	: 1800.29
Avg. Ambient Temperature, °C	: 38

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(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	10.25
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	19.08
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	103.26
d.	Particulate matter (PM _{2.5}), µg/m ³	IS: 5182 (P-24)	60 Max	55.56


Saurabh Sharma
04-08-2022
Reviewer


04-08-2022
Prem Kumar
[Authorized Signatory]

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2207301043 Sample Reg. Date :30-07-2022 Report Date :04-08-2022 Report No. :ICE-2208040216 NABL ULR No. :TC592622000011197F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

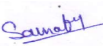
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	27.10
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	1.2
h.	Ammonia(NH ₃),µg/m ³	IS:5182(P-25)	400 Max	38.42
i.	Benzene (C ₆ H ₆),µg/m ³	IS: 5182 (P-11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS: 5182 (P-12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	STP/ITC/EW/002	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
04-08-2022
Reviewer


04-08-2022
PremKumar
[Authorized Signatory]

Disclaimer :

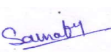
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2207301045 Sample Reg. Date :30-07-2022 Report Date :04-08-2022 Report No. :ICE-2208040218 NABL ULR No. :TC592622000011199F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Village-Khanpur
Date of Monitoring	: 25-07-2022
Time of Monitoring	: 11:00 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.34
Volume of air sampled,m3	: 1806.09
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(SO ₂),µg/m ³	IS:5182(P-2)	80 Max	8.45
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS:5182(P-6)	80 Max	17.39
c.	Particulate Matter (PM ₁₀),µg/m ³	IS:5182(P-23)	100 Max	105.20
d.	Particulate matter (PM _{2.5}),µg/m ³	IS: 5182 (P-24)	60 Max	50.93


Saurabh Sharma
04-08-2022
Reviewer


04-08-2022
PremKumar
[Authorized Signatory]

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Test Report

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2207301045 Sample Reg. Date :30-07-2022 Report Date :04-08-2022 Report No. :ICE-2208040218 NABL ULR No. :TC592622000011199F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

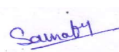
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	27.40
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	1.5
h.	Ammonia(NH ₃),µg/m ³	IS:5182(P-25)	400 Max	35.25
i.	Benzene (C ₆ H ₆),µg/m ³	IS: 5182 (P-11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS: 5182 (P-12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	STP/ITC/EW/002	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
04-08-2022
Reviewer


04-08-2022
PremKumar
[Authorized Signatory]

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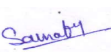
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. : E01-2207301046 Sample Reg. Date : 30-07-2022 Report Date : 04-08-2022 Report No. : ICE-2208040219 NABL ULR No. : TC592622000011200F Customer Ref. No. : Order No.5030010814 Letter Dated : 29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Shakti Vihar
Date of Monitoring	: 25-07-2022
Time of Monitoring	: 12:10 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.34
Volume of air sampled, m ³	: 1794.51
Avg. Ambient Temperature, °C	: 39

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(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	11.17
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	18.51
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	87.54
d.	Particulate matter (PM _{2.5}), µg/m ³	IS: 5182 (P-24)	60 Max	47.98


Saurabh Sharma
04-08-2022
Reviewer


04-08-2022
Prem Kumar
[Authorized Signatory]

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2207301046 Sample Reg. Date :30-07-2022 Report Date :04-08-2022 Report No. :ICE-2208040219 NABL ULR No. :TC592622000011200F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

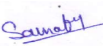
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	24.35
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	BLQ (LOQ:1.0)
h.	Ammonia(NH ₃),µg/m ³	IS:5182(P-25)	400 Max	34.19
i.	Benzene (C ₆ H ₆),µg/m ³	IS: 5182 (P-11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS: 5182 (P-12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	STP/ITC/EW/002	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
04-08-2022
Reviewer


04-08-2022
PremKumar
[Authorized Signatory]

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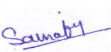
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Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2207301048 Sample Reg. Date :30-07-2022 Report Date :04-08-2022 Report No. :ICE-2208040221 NABL ULR No. :TC592622000011202F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Gate No.3
Date of Monitoring	: 28-07-2022
Time of Monitoring	: 10:50 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.35
Volume of air sampled,m3	: 1819.57
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(SO ₂),µg/m ³	IS:5182(P-2)	80 Max	14.33
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS:5182(P-6)	80 Max	25.43
c.	Particulate Matter (PM ₁₀),µg/m ³	IS:5182(P-23)	100 Max	109.20
d.	Particulate matter (PM _{2.5}),µg/m ³	IS: 5182 (P-24)	60 Max	46.30


Saurabh Sharma
04-08-2022
Reviewer


04-08-2022
PremKumar
[Authorized Signatory]

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2207301048 Sample Reg. Date :30-07-2022 Report Date :04-08-2022 Report No. :ICE-2208040221 NABL ULR No. :TC592622000011202F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	21.48
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	1.3
h.	Ammonia(NH ₃),µg/m ³	IS:5182(P-25)	400 Max	28.32
i.	Benzene (C ₆ H ₆),µg/m ³	IS: 5182 (P-11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS: 5182 (P-12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	STP/ITC/EW/002	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
04-08-2022
Reviewer


04-08-2022
PremKumar
[Authorized Signatory]

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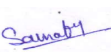
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. : E01-2207301047 Sample Reg. Date : 30-07-2022 Report Date : 04-08-2022 Report No. : ICE-2208040220 NABL ULR No. : TC592622000011201F Customer Ref. No. : Order No.5030010814 Letter Dated : 29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Block C-6
Date of Monitoring	: 28-07-2022
Time of Monitoring	: 11:10 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.34
Volume of air sampled, m ³	: 1800.29
Avg. Ambient Temperature, °C	: 38

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(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	8.18
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	14.55
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	90.43
d.	Particulate matter (PM _{2.5}), µg/m ³	IS: 5182 (P-24)	60 Max	43.35


Saurabh Sharma
04-08-2022
Reviewer


04-08-2022
Prem Kumar
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2207301047 Sample Reg. Date :30-07-2022 Report Date :04-08-2022 Report No. :ICE-2208040220 NABL ULR No. :TC592622000011201F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

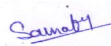
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	29.63
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	1.1
h.	Ammonia(NH ₃),µg/m ³	IS:5182(P-25)	400 Max	38.50
i.	Benzene (C ₆ H ₆),µg/m ³	IS: 5182 (P-11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS: 5182 (P-12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	STP/ITC/EW/002	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
04-08-2022
Reviewer


04-08-2022
PremKumar
[Authorized Signatory]

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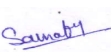
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2207301049 Sample Reg. Date :30-07-2022 Report Date :04-08-2022 Report No. :ICE-2208040222 NABL ULR No. :TC592622000011203F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Village-Khanpur
Date of Monitoring	: 28-07-2022
Time of Monitoring	: 10:30 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.32
Volume of air sampled,m3	: 1779.14
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(SO ₂),µg/m ³	IS:5182(P-2)	80 Max	12.05
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS:5182(P-6)	80 Max	19.46
c.	Particulate Matter (PM ₁₀),µg/m ³	IS:5182(P-23)	100 Max	110.33
d.	Particulate matter (PM _{2.5}),µg/m ³	IS: 5182 (P-24)	60 Max	56.40


Saurabh Sharma
04-08-2022
Reviewer


04-08-2022
PremKumar
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2207301049 Sample Reg. Date :30-07-2022 Report Date :04-08-2022 Report No. :ICE-2208040222 NABL ULR No. :TC592622000011203F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

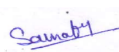
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	26.58
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	1.4
h.	Ammonia(NH ₃),µg/m ³	IS:5182(P-25)	400 Max	34.12
i.	Benzene (C ₆ H ₆),µg/m ³	IS: 5182 (P-11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS: 5182 (P-12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	STP/ITC/EW/002	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
04-08-2022
Reviewer


04-08-2022
PremKumar
[Authorized Signatory]

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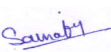
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2207301050 Sample Reg. Date :30-07-2022 Report Date :04-08-2022 Report No. :ICE-2208040223 NABL ULR No. :TC592622000011204F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Shakti Vihar
Date of Monitoring	: 28-07-2022
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	: 1800.29
Avg. Ambient Temperature,°C	: 38

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(SO ₂),µg/m ³	IS:5182(P-2)	80 Max	14.15
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS:5182(P-6)	80 Max	23.43
c.	Particulate Matter (PM ₁₀),µg/m ³	IS:5182(P-23)	100 Max	94.37
d.	Particulate matter (PM _{2.5}),µg/m ³	IS: 5182 (P-24)	60 Max	48.40


Saurabh Sharma
04-08-2022
Reviewer


04-08-2022
PremKumar
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2207301050 Sample Reg. Date :30-07-2022 Report Date :04-08-2022 Report No. :ICE-2208040223 NABL ULR No. :TC592622000011204F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

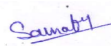
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	23.26
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	BLQ (LOQ:1.0)
h.	Ammonia(NH ₃),µg/m ³	IS:5182(P-25)	400 Max	32.61
i.	Benzene (C ₆ H ₆),µg/m ³	IS: 5182 (P-11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS: 5182 (P-12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	STP/ITC/EW/002	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
04-08-2022
Reviewer


04-08-2022
PremKumar
[Authorized Signatory]

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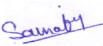
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Test Report

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2207050128 Sample Reg. Date :05-07-2022 Report Date :13-07-2022 Report No. :ICE-2207130616 NABL ULR No. :TC592622000010136F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: EPA Act 1986/PCLS/2010
Sampling Information :	
Date of Monitoring	: 01-07-2022
Time of Monitoring	: 12:00 to 12:29 hrs
Name of the emission source monitored	: Stack Emission of Boiler
(a) Rated Capacity	: 660 MW
(b) Capacity on sampling day	: 397 MW
(c) Type of fuel used & its consumption	: Coal & 282 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)	: 29
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 :	


Saurabh Sharma
13-07-2022
Reviewer


13-07-2022
PremKumar
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2207050128 Sample Reg. Date :05-07-2022 Report Date :13-07-2022 Report No. :ICE-2207130616 NABL ULR No. :TC592622000010136F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

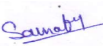
Flue Gas Temperature, °C,Avg.	: 54
Flue Gas Velocity(m/s),Avg.	: 20.25
Volumetric Flow Rate(Nm ³ /hr.)	: 2454545.26
Ambient Air Temperature, °C	: 27

S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	General Parameters			
a.	Particulate Matter, mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-1)	Max. 50	23.57
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-2)	Max. 200	147.06
c.	Oxides of Nitrogen (NO _x), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-7)	Max. 450	250.25
d.	Mercury(As Hg),mg/Nm ³	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 01.07.2022, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A


 Saurabh Sharma
 13-07-2022
 Reviewer


 13-07-2022
 PremKumar
 [Authorized Signatory]

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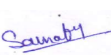
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2207050128 Sample Reg. Date :05-07-2022 Report Date :13-07-2022 Report No. :ICE-2207130616 NABL ULR No. :TC592622000010136F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

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


Saurabh Sharma
13-07-2022
Reviewer


13-07-2022
PremKumar
[Authorized Signatory]

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Page 1 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2207050130 Sample Reg. Date :05-07-2022 Report Date :13-07-2022 Report No. :ICE-2207130618 NABL ULR No. :TC592622000010128F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020
Test Report as per :	: EPA Act 1986/PCLS/2010
Sampling Information :	
Date of Monitoring	: 01-07-2022
Time of Monitoring	: 11:10 to 11:37 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 & 261 ton/hrs
(d) Normal operating schedule	: 24 hrs
2. Stack Identification	: Stack attached to Boiler Unit-2 (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)	: 27
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 :	

Saurabh Sharma
Saurabh Sharma
13-07-2022
Reviewer

PremKumar
13-07-2022
PremKumar
[Authorized Signatory]

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Document QF : 2501
Page 2 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2207050130 Sample Reg. Date :05-07-2022 Report Date :13-07-2022 Report No. :ICE-2207130618 NABL ULR No. :TC592622000010128F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Flue Gas Temperature, °C,Avg.	: 59
Flue Gas Velocity(m/s),Avg.	: 21.83
Volumetric Flow Rate(Nm ³ /hr.)	: 2606210.09
Ambient Air Temperature, °C	: 29

S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	General Parameters			
a.	Particulate Matter, mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-1)	Max. 50	25.05
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-2)	Max. 200	159.18
c.	Oxides of Nitrogen (NO _x), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-7)	Max. 450	304.87
d.	Mercury(As Hg),mg/Nm ³	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, 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 01.07.2022, Sampling Procedure - SOP/ITC/EW/056

REMARKS : N/A

Saurabh
Saurabh Sharma
13-07-2022
Reviewer

PremKumar
13-07-2022
PremKumar
[Authorized Signatory]

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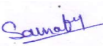
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2207050130 Sample Reg. Date :05-07-2022 Report Date :13-07-2022 Report No. :ICE-2207130618 NABL ULR No. :TC592622000010128F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

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


Saurabh Sharma
13-07-2022
Reviewer


13-07-2022
PremKumar
[Authorized Signatory]

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2207120319 Sample Reg. Date :12-07-2022 Report Date :16-07-2022 Report No. :ICE-2207160755 NABL ULR No. :TC592622000010334F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020
Test Report as per :	: EPA Act 1986/PCLS/2010
Sampling Information :	
Date of Monitoring	: 08-07-2022
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	: 630 MW
(c) Type of fuel used & its consumption	: Coal & 385 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
Observations :	

Saurabh Sharma
Saurabh Sharma
16-07-2022
Reviewer

PremKumar
16-07-2022
PremKumar
[Authorized Signatory]

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2207120319 Sample Reg. Date :12-07-2022 Report Date :16-07-2022 Report No. :ICE-2207160755 NABL ULR No. :TC592622000010334F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Flue Gas Temperature, °C,Avg.	: 57
Flue Gas Velocity(m/s),Avg.	: 26.42
Volumetric Flow Rate(Nm ³ /hr.)	: 3168964.04
Ambient Air Temperature, °C	: 35

S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	General Parameters			
a.	Particulate Matter, mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-1)	Max. 50	30.10
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-2)	Max. 200	175.65
c.	Oxides of Nitrogen (NO _x), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-7)	Max. 450	183.86
d.	Mercury(As Hg),mg/Nm ³	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 08.07.2022, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A


Saurabh Sharma
16-07-2022
Reviewer


16-07-2022
PremKumar
[Authorized Signatory]

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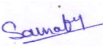
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2207120319 Sample Reg. Date :12-07-2022 Report Date :16-07-2022 Report No. :ICE-2207160755 NABL ULR No. :TC592622000010334F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

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


Saurabh Sharma
16-07-2022
Reviewer


16-07-2022
PremKumar
[Authorized Signatory]

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Page 1 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2207120320 Sample Reg. Date :12-07-2022 Report Date :16-07-2022 Report No. :ICE-2207160756 NABL ULR No. :TC592622000010333F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020
Test Report as per :	: EPA Act 1986/PCLS/2010
Sampling Information :	
Date of Monitoring	: 08-07-2022
Time of Monitoring	: 11:10 to 11:36 hrs
Name of the emission source monitored	: Stack Emission of Boiler
(a) Rated Capacity	: 660 MW
(b) Capacity on sampling day	: 615 MW
(c) Type of fuel used & its consumption	: Coal & 433 Ton/hrs
(d) Normal operating schedule	: 24 hrs
2. Stack Identification	: Stack attached to Boiler, Unit-2 (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
Observations :	

Saurabh Sharma
Saurabh Sharma
16-07-2022
Reviewer

PremKumar
16-07-2022
PremKumar
[Authorized Signatory]

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Test Report

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2207120320 Sample Reg. Date :12-07-2022 Report Date :16-07-2022 Report No. :ICE-2207160756 NABL ULR No. :TC592622000010333F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

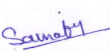
Flue Gas Temperature, °C,Avg.	: 55
Flue Gas Velocity(m/s),Avg.	: 22.4
Volumetric Flow Rate(Nm ³ /hr.)	: 2695924.73
Ambient Air Temperature, °C	: 35

S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	General Parameters			
a.	Particulate Matter, mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-1)	Max. 50	30.23
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-2)	Max. 200	165.32
c.	Oxides of Nitrogen (NO _x), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-7)	Max. 450	271.92
d.	Mercury(As Hg),mg/Nm ³	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 08.07.2022, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A


Saurabh Sharma
16-07-2022
Reviewer


16-07-2022
PremKumar
[Authorized Signatory]

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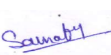
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2207120320 Sample Reg. Date :12-07-2022 Report Date :16-07-2022 Report No. :ICE-2207160756 NABL ULR No. :TC592622000010333F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

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


Saurabh Sharma
16-07-2022
Reviewer


16-07-2022
PremKumar
[Authorized Signatory]

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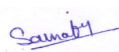
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Document QF : 2501

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2207230803 Sample Reg. Date :23-07-2022 Report Date :28-07-2022 Report No. :ICE-2207281261 NABL ULR No. :TC592622000010899F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: EPA Act 1986/PCLS/2010
Sampling Information :	
Date of Monitoring	: 12-07-2022
Time of Monitoring	: 13:30 to 13:53 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 & 362 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
Observations :	


Saurabh Sharma
28-07-2022
Reviewer


28-07-2022
PremKumar
[Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.

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Test Report

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Page 2 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2207230803
	Sample Reg. Date :23-07-2022
	Report Date :28-07-2022
	Report No. :ICE-2207281261
	NABL ULR No. :TC592622000010899F
	Customer Ref. No.: Order No.5030010814
	Letter Dated :29.10.2020

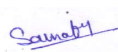
Flue Gas Temperature, °C,Avg.	: 58
Flue Gas Velocity(m/s),Avg.	: 25.10
Volumetric Flow Rate(Nm ³ /hr.)	: 3005657.55
Ambient Air Temperature, °C	: 31

S.No.	Parameters	Instrument	Method	Specification	Result
	Discipline : Chemical				
	Group : Atmospheric Pollution				
1.	General Parameters				
a.	Particulate Matter, mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	Gravimetric	IS:11255(P-1)	Max. 50	26.15
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	Titration	IS:11255(P-2)	Max. 200	166.83
c.	Oxides of Nitrogen (NO _x), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	UV-Spectrophotometer	IS:11255(P-7)	Max. 450	175.21
d.	Mercury(As Hg),mg/Nm ³	ICPOES	STP/ITC/EW/002	Max. 0.03	BLQ(LOQ:0.01)
e.	Carbon Monoxide(CO),% v/v	Orsat Apparatus	IS:13270	Max. 1.0	0.2
f.	Moisture, % by mass	Gravimetric	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 22.07.2022, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A


Saurabh Sharma
28-07-2022
Reviewer


28-07-2022
PremKumar
[Authorized Signatory]

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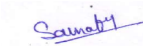
Test Report

Document QF : 2501

Page 3 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2207230803 Sample Reg. Date :23-07-2022 Report Date :28-07-2022 Report No. :ICE-2207281261 NABL ULR No. :TC592622000010899F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

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


Saurabh Sharma
28-07-2022
Reviewer


28-07-2022
PremKumar
[Authorized Signatory]

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Page 1 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2207160528 Sample Reg. Date :16-07-2022 Report Date :21-07-2022 Report No. :ICE-2207210967 NABL ULR No. :TC592622000010571F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020
Test Report as per :	: EPA Act 1986/PCLS/2010
Sampling Information :	
Date of Monitoring	: 15-07-2022
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	: 620 MW
(c) Type of fuel used & its consumption	: Coal & 440 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)	: 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 :	

Saurabh Sharma
Saurabh Sharma
21-07-2022
Reviewer

PremKumar
21-07-2022
PremKumar
[Authorized Signatory]

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Test Report

Document QF : 2501
Page 2 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2207160528 Sample Reg. Date :16-07-2022 Report Date :21-07-2022 Report No. :ICE-2207210967 NABL ULR No. :TC592622000010571F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

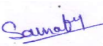
Flue Gas Temperature, °C,Avg.	: 57
Flue Gas Velocity(m/s),Avg.	: 23.75
Volumetric Flow Rate(Nm ³ /hr.)	: 2852616.85
Ambient Air Temperature, °C	: 33

S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	General Parameters			
a.	Particulate Matter, mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-1)	Max. 50	26.15
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-2)	Max. 200	153.27
c.	Oxides of Nitrogen (NO _x), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-7)	Max. 450	235.36
d.	Mercury(As Hg),mg/Nm ³	STP/ITC/EW/002	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 15.07.2022, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A


 Saurabh Sharma
 21-07-2022
 Reviewer


 21-07-2022
 PremKumar
 [Authorized Signatory]

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Disclaimer :

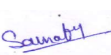
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Test Report

Document QF : 2501
Page 3 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2207160528 Sample Reg. Date :16-07-2022 Report Date :21-07-2022 Report No. :ICE-2207210967 NABL ULR No. :TC592622000010571F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

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


Saurabh Sharma
21-07-2022
Reviewer


21-07-2022
PremKumar
[Authorized Signatory]

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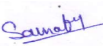
Test Report

Document QF : 2501

Page 1 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2207230805 Sample Reg. Date :23-07-2022 Report Date :28-07-2022 Report No. :ICE-2207281262 NABL ULR No. :TC592622000010897F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: EPA Act 1986/PCLS/2010
Sampling Information :	
Date of Monitoring	: 22-07-2022
Time of Monitoring	: 14:50 to 15:14 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 & 380 Ton/hrs
(d) Normal operating schedule	: 24 hrs
2. Stack Identification	: Stack attached to Boiler, Unit-2 (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 :	


Saurabh Sharma
28-07-2022
Reviewer


28-07-2022
PremKumar
[Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.

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Test Report

Document QF : 2501

Page 2 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2207230805
	Sample Reg. Date :23-07-2022
	Report Date :28-07-2022
	Report No. :ICE-2207281262
	NABL ULR No. :TC592622000010897F
	Customer Ref. No.: Order No.5030010814
	Letter Dated :29.10.2020

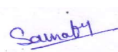
Flue Gas Temperature, °C,Avg.	: 57
Flue Gas Velocity(m/s),Avg.	: 23.62
Volumetric Flow Rate(Nm ³ /hr.)	: 2837002.53
Ambient Air Temperature, °C	: 32

S.No.	Parameters	Instrument	Method	Specification	Result
	Discipline : Chemical				
	Group : Atmospheric Pollution				
1.	General Parameters				
a.	Particulate Matter, mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	Gravimetric	IS:11255(P-1)	Max. 50	29.17
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	Titration	IS:11255(P-2)	Max. 200	188.71
c.	Oxides of Nitrogen (NO _x), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	UV-Spectrophotometer	IS:11255(P-7)	Max. 450	220.03
d.	Mercury(As Hg),mg/Nm ³	ICPOES	STP/ITC/EW/002	Max. 0.03	BLQ(LOQ:0.01)
e.	Carbon Monoxide(CO),% v/v	Orsat Apparatus	IS:13270	Max. 1.0	0.2
f.	Moisture, % by mass	Gravimetric	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 22.07.2022, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A


Saurabh Sharma
28-07-2022
Reviewer


28-07-2022
PremKumar
[Authorized Signatory]

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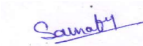
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Document QF : 2501

Page 3 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2207230805 Sample Reg. Date :23-07-2022 Report Date :28-07-2022 Report No. :ICE-2207281262 NABL ULR No. :TC592622000010897F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

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


Saurabh Sharma
28-07-2022
Reviewer


28-07-2022
PremKumar
[Authorized Signatory]

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Test Report

Document QF : 2501
Page 1 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2207301041 Sample Reg. Date :30-07-2022 Report Date :02-08-2022 Report No. :ICE-2208020059 NABL ULR No. :TC592622000011091F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020
Test Report as per :	: EPA Act 1986/PCLS/2010
Sampling Information :	
Date of Monitoring	: 29-07-2022
Time of Monitoring	: 14:40 to 15:07 hrs
Name of the emission source monitored	: Stack Emission of Boiler
(a) Rated Capacity	: 660 MW
(b) Capacity on sampling day	: 412 MW
(c) Type of fuel used & its consumption	: Coal & 261 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)	: 27
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 :	

Saurabh Sharma
02-08-2022
Reviewer

02-08-2022
PremKumar
[Authorized Signatory]

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Page 2 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2207301041 Sample Reg. Date :30-07-2022 Report Date :02-08-2022 Report No. :ICE-2208020059 NABL ULR No. :TC592622000011091F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

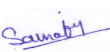
Flue Gas Temperature, °C,Avg.	: 123
Flue Gas Velocity(m/s),Avg.	: 26.19
Volumetric Flow Rate(Nm ³ /hr.)	: 2617813.78
Ambient Air Temperature, °C	: 33

S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	General Parameters			
a.	Particulate Matter, mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-1)	Max. 50	33.08
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-2)	Max. 200	809.58
c.	Oxides of Nitrogen (NO _x), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-7)	Max. 450	300.19
d.	Mercury(As Hg),mg/Nm ³	STP/ITC/EW/002	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	0.8

'#' 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 29.07.2022, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A


Saurabh Sharma
02-08-2022
Reviewer


02-08-2022
PremKumar
[Authorized Signatory]

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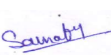
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Test Report

Document QF : 2501
Page 3 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2207301041 Sample Reg. Date :30-07-2022 Report Date :02-08-2022 Report No. :ICE-2208020059 NABL ULR No. :TC592622000011091F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

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


Saurabh Sharma
02-08-2022
Reviewer


02-08-2022
PremKumar
[Authorized Signatory]

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Document QF : 2501
Page 1 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2207301042 Sample Reg. Date :30-07-2022 Report Date :02-08-2022 Report No. :ICE-2208020089 NABL ULR No. :TC592622000011054F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020
Test Report as per :	: EPA Act 1986/PCLS/2010
Sampling Information :	
Date of Monitoring	: 29-07-2022
Time of Monitoring	: 12:20 to 12:45 hrs
Name of the emission source monitored	: Stack Emission of Boiler
(a) Rated Capacity	: 660 MW
(b) Capacity on sampling day	: 635 MW
(c) Type of fuel used & its consumption	: Coal & 261 ton/hrs
(d) Normal operating schedule	: 24 hrs
2. Stack Identification	: Stack attached to Boiler Unit-2 (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
Observations :	

Saurabh Sharma
Saurabh Sharma
02-08-2022
Reviewer

PremKumar
02-08-2022
PremKumar
[Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.

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Test Report

Document QF : 2501
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2207301042 Sample Reg. Date :30-07-2022 Report Date :02-08-2022 Report No. :ICE-2208020089 NABL ULR No. :TC592622000011054F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

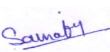
Flue Gas Temperature, °C,Avg.	: 57
Flue Gas Velocity(m/s),Avg.	: 23.06
Volumetric Flow Rate(Nm ³ /hr.)	: 2765946.66
Ambient Air Temperature, °C	: 32

S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	General Parameters			
a.	Particulate Matter, mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-1)	Max. 50	27.28
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-2)	Max. 200	180.65
c.	Oxides of Nitrogen (NO _x), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-7)	Max. 450	250.23
d.	Mercury(As Hg),mg/Nm ³	STP/ITC/EW/002	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 : 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 29.07.2022, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A


Saurabh Sharma
02-08-2022
Reviewer


02-08-2022
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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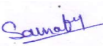
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Test Report

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2207301042 Sample Reg. Date :30-07-2022 Report Date :02-08-2022 Report No. :ICE-2208020089 NABL ULR No. :TC592622000011054F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

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


Saurabh Sharma
02-08-2022
Reviewer


02-08-2022
PremKumar
[Authorized Signatory]

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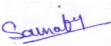
Page 1 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2207180546 Sample Reg. Date :18-07-2022 Report Date :26-07-2022 Report No. :ICE-2207261119 NABL ULR No. :TC592622000010766F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

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

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 can
m)	Date of Receipt	18-07-2022
n)	Date of Start	19-07-2022
o)	Date of Completion	23-07-2022
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample collected by lab rep. on 15.07.2022


Saurabh Sharma
26-07-2022
Reviewer


26-07-2022
PremKumar
[Authorized Signatory]

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Test Report

Document QF : 2501

Page 2 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2207180546 Sample Reg. Date :18-07-2022 Report Date :26-07-2022 Report No. :ICE-2207261119 NABL ULR No. :TC592622000010766F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

s)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
t)	Manufactured By [#]	NA
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
Discipline : Chemical				
Group : Pollution & Environment				
1. General Parameters				
a.	Colour	IS: 3025 (P-4)-2021		Light Greyish
b.	Odour.	IS: 3025 (P-5)-2018		None
c.	pH Value	IS: 3025 (Part 11): 2017		7.54
d.	Total Suspended Solids,(mg/L)	IS 3025 (Part 17): 2017		86
e.	Total Dissolved Solids (mg/L)	IS 3025 (Part 16) : 2017	-	495
f.	Chemical Oxygen Demand(mg/L)	IS 3025 (Part 58) : 2017		248
g.	Bio-chemical Oxygen Demand, mg/L (3 days at 27°C)	IS 3025 (Part 44) : 2019		82
h.	Oil & Grease(mg/L)	IS 3025 (Part 39) : 2021		4.8


Saurabh Sharma
26-07-2022
Reviewer


26-07-2022
PremKumar
[Authorized Signatory]

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Test Report

Document QF : 2501

Page 3 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2207180546 Sample Reg. Date :18-07-2022 Report Date :26-07-2022 Report No. :ICE-2207261119 NABL ULR No. :TC592622000010766F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

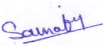
i.	Zinc(As Zn)(mg/L)	IS:3025 (Part-2): 2019	BLQ(LOQ:0.05)
j.	Arsenic(as As)(mg/L)	IS:3025 (Part-2): 2019	BLQ(LOQ:0.05)
k.	Total Chromium as Cr (mg/L)	IS:3025 (Part-2): 2019	BLQ(LOQ:0.05)
l.	Cyanide as CN,(mg/L)	IS 3025 (Part 27): 2019	Absent
m.	Iron(as Fe)(mg/L)	IS:3025 (Part-2): 2019	BLQ(LOQ:0.05)
n.	Temperature(°C)	IS 3025 (Part 9): 2017	23
o.	Free Residual Chlorine (mg/L)	IS: 3025 (P-26): 2021	BLQ(LOQ: 1.0)
p.	Phosphate as P (mg/L)	APHA 23rd Edition 4500 - P D: 2017	BLQ(LOQ: 0.003)

'#' 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
26-07-2022
Reviewer


26-07-2022
PremKumar
[Authorized Signatory]

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Test Report

Document QF : 2501

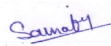
Page 1 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2207180548 Sample Reg. Date :18-07-2022 Report Date :29-07-2022 Report No. :ICE-2207291327 NABL ULR No. :TC592622000010964F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

Test Report as per IS: EPA Act 1986/PCLS/2010	With Amendment No.(s):

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 cans
m)	Date of Receipt	18-07-2022
n)	Date of Start	18-07-2022
o)	Date of Completion	29-07-2022
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample collected by lab rep. on 15.07.2022


Saurabh Sharma
29-07-2022
Reviewer


29-07-2022
PremKumar
[Authorized Signatory]

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Test Report

Document QF : 2501

Page 2 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2207180548 Sample Reg. Date :18-07-2022 Report Date :29-07-2022 Report No. :ICE-2207291327 NABL ULR No. :TC592622000010964F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

s)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
t)	Manufactured By [#]	NA
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
Discipline : Chemical				
Group : Pollution & Environment				
1. General Parameters				
a.	Colour	IS: 3025 (P-4)-2021	Not Specified	Colourless
b.	Odour.	IS: 3025 (P-5)-2018	Not Specified	None
c.	pH Value	IS: 3025 (Part 11): 2017	5-9	7.13
d.	Total Suspended Solids,(mg/L)	IS 3025 (Part 17): 2017	Max. 100	<1.0
e.	Total Dissolved Solids (mg/L)	IS 3025 (Part 16) : 2017	Max. 2100	528
f.	Chemical Oxygen Demand(mg/L)	IS 3025 (Part 58) : 2017	Max. 250	BLQ(LOQ:4.0)
g.	Bio-chemical Oxygen Demand, mg/L (3 days at 27°C)	IS 3025 (Part 44) : 2019	Max. 30	BLQ(LOQ: 1.0)
h.	Oil & Grease(mg/L)	IS 3025 (Part 39) : 2021	Max. 10	<4.0

Saurabh Sharma
29-07-2022
Reviewer

29-07-2022
PremKumar
[Authorized Signatory]

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Test Report

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2207180548 Sample Reg. Date :18-07-2022 Report Date :29-07-2022 Report No. :ICE-2207291327 NABL ULR No. :TC592622000010964F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

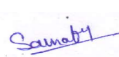
i.	Zinc(As Zn)(mg/L)	IS:3025 (Part-2): 2019	Max. 5.0	BLQ(LOQ:0.05)
j.	Arsenic(as As)(mg/L)	IS:3025 (Part-2): 2019	Max. 0.2	BLQ(LOQ:0.05)
k.	Total Chromium as Cr (mg/L)	IS:3025 (Part-2): 2019	Max. 2.0	BLQ(LOQ:0.05)
l.	Cyanide as CN,(mg/L)	IS 3025 (Part 27): 2019	Max. 0.2	Absent
m.	Iron(as Fe)(mg/L)	IS:3025 (Part-2): 2019	Max. 3.0	BLQ(LOQ:0.05)
n.	Bio Assay Test	IS: 6582 (Part-1): 2019	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 (Part 9): 2017		24
p.	Free Residual Chlorine (mg/L)	IS 3025 (Part 26) : 2021	Max. 1.0	BLQ(LOQ: 1.0)
q.	Phosphate as P (mg/L)	APHA 23rd Edition 4500 - P D: 2017	Max. 5.0	0.11

'#' 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
 29-07-2022
 Reviewer


 29-07-2022
 PremKumar
 [Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.
 86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)
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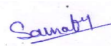
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2207180550 Sample Reg. Date :18-07-2022 Report Date :26-07-2022 Report No. :ICE-2207261123 NABL ULR No. :TC592622000010787F Customer Ref. No.: Order No.5030010814 Letter Dated :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 can
m)	Date of Receipt	18-07-2022
n)	Date of Start	18-07-2022
o)	Date of Completion	23-07-2022
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample collected by lab rep. on 15.07.2022


Saurabh Sharma
26-07-2022
Reviewer


26-07-2022
PremKumar
[Authorized Signatory]

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Test Report

Document QF : 2501

Page 2 of 3

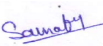
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2207180550 Sample Reg. Date :18-07-2022 Report Date :26-07-2022 Report No. :ICE-2207261123 NABL ULR No. :TC592622000010787F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

s)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
t)	Manufactured By [#]	NA
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
Discipline : Chemical				
Group : Pollution & Environment				
1. General Parameters				
a.	Colour	IS: 3025 (P-4)-2021		Yellowish
b.	Odour.	IS: 3025 (P-5)-2018		Mild
c.	pH Value	IS: 3025 (Part 11): 2017		6.57
d.	Total Suspended Solids,(mg/L)	IS 3025 (Part 17): 2017		143
e.	Total Dissolved Solids (mg/L)	IS 3025 (Part 16) : 2017	-	703
f.	Chemical Oxygen Demand(mg/L)	IS 3025 (Part 58) : 2017		456
g.	Bio-chemical Oxygen Demand, mg/L (3 days at 27°C)	IS 3025 (Part 44) : 2019		161
h.	Oil & Grease(mg/L)	IS 3025 (Part 39) : 2021		14.4


Saurabh Sharma
26-07-2022
Reviewer


26-07-2022
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Test Report

Document QF : 2501

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2207180550 Sample Reg. Date :18-07-2022 Report Date :26-07-2022 Report No. :ICE-2207261123 NABL ULR No. :TC592622000010787F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

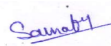
i.	Free Residual Chlorine (mg/L)	IS: 3025 (P-26): 2021		BLQ(LOQ: 1.0)

'#' 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
26-07-2022
Reviewer


26-07-2022
PremKumar
[Authorized Signatory]

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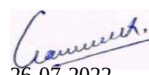
Page 1 of 3

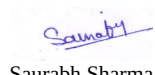
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2207180551 Sample Reg. Date :18-07-2022 Report Date :26-07-2022 Report No. :ICE-2207261124 NABL ULR No. :TC592622000010785F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

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 #	1 Ltr
k)	Batch Size/Location #	NA
l)	Mode of Packing	Packed in bottle
m)	Date of Receipt	18-07-2022
n)	Date of Start	18-07-2022
o)	Date of Completion	26-07-2022
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample collected by lab rep. on 15.07.2022


26-07-2022
Gaurav Khandelwal
[Authorized Signatory]


26-07-2022
Saurabh Sharma
Reviewer


26-07-2022
PremKumar
[Authorized Signatory]

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Test Report

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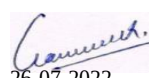
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2207180551 Sample Reg. Date :18-07-2022 Report Date :26-07-2022 Report No. :ICE-2207261124 NABL ULR No. :TC592622000010785F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

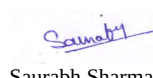
s) Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
t) Manufactured By [#]	NA
u) Supplied By [#]	NA

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
Discipline : Chemical				
Group : Pollution & Environment				
1. General Parameters				
a.	Nitrate as NO ₃ (mg/L)	IS 3025 (Part 34) : 2019		BLQ(LOQ: 1.0)
b.	Calcium(as Ca)(mg/L)	IS 3025 (Part 40): 2019	-	52.82
c.	Magnesium as Mg(mg/L)	IS: 3025 Part 46): 2019	-	20
d.	Sodium(as Na)(mg/L)	IS 3025(Part 45): 2019	-	31
e.	Potassium as K,(mg/L)	APHA 23rd Edition-3500K B: 2017		5
f.	Phosphate as PO ₄ (mg/L)	APHA 23rd Edition 4500 - P D: 2017		0.214
Discipline : Biological				


26-07-2022
Gaurav Khandelwal
[Authorized Signatory]


Saurabh Sharma
26-07-2022
Reviewer


26-07-2022
PremKumar
[Authorized Signatory]

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Test Report

Document QF : 2501

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2207180551 Sample Reg. Date :18-07-2022 Report Date :26-07-2022 Report No. :ICE-2207261124 NABL ULR No. :TC592622000010785F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

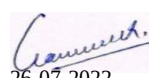
Group : Pollution & Environment
1. Microbiological Tests
a. Faecal Coliforms, (MPN/100mL) APHA-23 rd Edn 17-9221 F 1.1 x 10 ⁵
b. <i>E.coli</i> , (MPN/100mL) APHA-23 rd Edn 17-9221 F 6.9 x 10 ⁴
c. Total Coliform (MPN/100ml) APHA-23 rd Edn 17-9221 F 1.8 x 10 ⁵

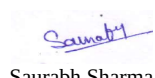
'#' represents Customer Defined Fields

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*****


26-07-2022
Gaurav Khandelwal
[Authorized Signatory]


Saurabh Sharma
26-07-2022
Reviewer


26-07-2022
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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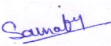
Page 1 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2207180552 Sample Reg. Date :18-07-2022 Report Date :26-07-2022 Report No. :ICE-2207261125 NABL ULR No. :TC592622000010768F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

Test Report as per IS: EPA Act 1986/PCLS/2010	With Amendment No.(s):

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 can
m)	Date of Receipt	18-07-2022
n)	Date of Start	18-07-2022
o)	Date of Completion	23-07-2022
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample collected by lab rep. on 15.07.2022


Saurabh Sharma
26-07-2022
Reviewer


26-07-2022
PremKumar
[Authorized Signatory]

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Test Report

Document QF : 2501

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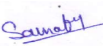
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2207180552 Sample Reg. Date :18-07-2022 Report Date :26-07-2022 Report No. :ICE-2207261125 NABL ULR No. :TC592622000010768F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

s) Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
t) Manufactured By [#]	NA
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
Discipline : Chemical				
Group : Pollution & Environment				
1. General Parameters				
a.	Colour	IS 3025 (Part 4) : 2021	Not Specified	Colorless
b.	Odour.	IS 3025 (Part 5) : 2018	Not Specified	None
c.	pH Value	IS: 3025 (Part 11): 2017	6-9	6.66
d.	Total Suspended Solids,(mg/L)	IS 3025 (Part 17): 2017	Max. 100	14
e.	Total Dissolved Solids (mg/L)	IS 3025 (Part 16) : 2017	Not Specified	540
f.	Chemical Oxygen Demand(mg/L)	IS 3025 (Part 58) : 2017	Not Specified	20
g.	Bio-chemical Oxygen Demand, mg/L (3 days at 27°C)	IS 3025 (Part 44) : 2019	Max. 30	6
h.	Oil & Grease(mg/L)	IS 3025 (Part 39) : 2021	Max. 10	<4.0


 Saurabh Sharma
 26-07-2022
 Reviewer


 26-07-2022
 PremKumar
 [Authorized Signatory]

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Document QF : 2501

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2207180552 Sample Reg. Date :18-07-2022 Report Date :26-07-2022 Report No. :ICE-2207261125 NABL ULR No. :TC592622000010768F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

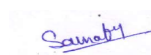
i.	Free Residual Chlorine (mg/L)	IS: 3025 (Part 26)-2021	Max. 1.0	BLQ(LOQ: 1.0)

'#' 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, Purpose - For Self Monitoring

REMARKS :N/A

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


Saurabh Sharma
26-07-2022
Reviewer


26-07-2022
PremKumar
[Authorized Signatory]

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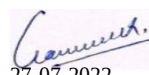
Page 1 of 3

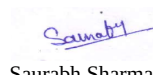
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2207180553 Sample Reg. Date :18-07-2022 Report Date :27-07-2022 Report No. :ICE-2207271236 NABL ULR No. :TC592622000010880F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

Test Report as per IS: EPA Act 1986/PCLS/2010	With Amendment No.(s):

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	18-07-2022
n)	Date of Start	18-07-2022
o)	Date of Completion	27-07-2022
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample collected by lab rep. on 15.07.2022


27-07-2022
Gaurav Khandelwal
[Authorized Signatory]


27-07-2022
Saurabh Sharma
Reviewer


27-07-2022
PremKumar
[Authorized Signatory]

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Test Report

Document QF : 2501

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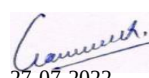
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2207180553 Sample Reg. Date :18-07-2022 Report Date :27-07-2022 Report No. :ICE-2207271236 NABL ULR No. :TC592622000010880F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

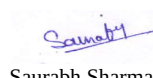
s)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
t)	Manufactured By [#]	NA
u)	Supplied By [#]	NA

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
Discipline : Chemical				
Group : Pollution & Environment				
1. General Parameters				
a.	Nitrate as NO ₃ (mg/L)	IS 3025 (Part 34) : 2019	Max. 10	BLQ(LOQ:1.0)
b.	Calcium(as Ca)(mg/L)	IS 3025 (Part 40): 2019	Not Specified	38.8
c.	Magnesium as Mg(mg/L)	IS: 3025 Part 46): 2019	Not Specified	43.10
d.	Sodium(as Na)(mg/L)	IS 3025(Part 45): 2019	Not Specified	34
e.	Potassium as K,(mg/L)	APHA 23rd Edition-3500K B: 2017	Not Specified	9.6
f.	Phosphate(as PO ₄), mg/L	APHA 23rd Edition 4500 - P D: 2017	Max. 5.0	BLQ(LOQ:0.003)
Discipline : Biological				


27-07-2022
Gaurav Khandelwal
[Authorized Signatory]


Saurabh Sharma
27-07-2022
Reviewer


27-07-2022
PremKumar
[Authorized Signatory]

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Document QF : 2501

Page 3 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2207180553 Sample Reg. Date :18-07-2022 Report Date :27-07-2022 Report No. :ICE-2207271236 NABL ULR No. :TC592622000010880F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

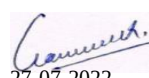
	Group : Pollution & Environment			
1.	Microbiological Tests			
a.	Faecal Coliform, MPN/100ml	APHA-23 rd Edn 17-9221 F	Max. 1000	540
b.	<i>E.coli</i> , (MPN/100mL)	APHA 23rd Edn 17-9221 E	Not Specified	280
c.	Total Coliform (MPN/100ml)	APHA-23 rd Edn 17-9221 F	Not Specified	920

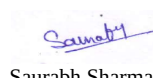
'#' represents Customer Defined Fields

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*****


 27-07-2022
 Gaurav Khandelwal
 [Authorized Signatory]


 Saurabh Sharma
 27-07-2022
 Reviewer


 27-07-2022
 PremKumar
 [Authorized Signatory]

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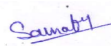
Page 1 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2207180554 Sample Reg. Date :18-07-2022 Report Date :26-07-2022 Report No. :ICE-2207261126 NABL ULR No. :TC592622000010786F Customer Ref. No.: Order No.5030010814 Letter Dated :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 (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 can
m)	Date of Receipt	18-07-2022
n)	Date of Start	18-07-2022
o)	Date of Completion	23-07-2022
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample collected by lab rep. on 15.07.2022


 Saurabh Sharma
 26-07-2022
 Reviewer


 26-07-2022
 PremKumar
 [Authorized Signatory]

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Test Report

Document QF : 2501

Page 2 of 3

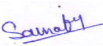
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2207180554 Sample Reg. Date :18-07-2022 Report Date :26-07-2022 Report No. :ICE-2207261126 NABL ULR No. :TC592622000010786F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

s)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
t)	Manufactured By [#]	NA
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
Discipline : Chemical				
Group : Pollution & Environment				
1. General Parameters				
a.	Colour	IS: 3025 (P-4)-2021		Greyish
b.	Odour.	IS: 3025 (P-5)-2018		None
c.	pH Value	IS: 3025 (Part 11): 2017		6.73
d.	Total Suspended Solids,(mg/L)	IS 3025 (Part 17): 2017		63
e.	Total Dissolved Solids (mg/L)	IS 3025 (Part 16) : 2017	-	542
f.	Chemical Oxygen Demand(mg/L)	IS 3025 (Part 58) : 2017		148
g.	Bio-chemical Oxygen Demand, mg/L (3 days at 27°C)	IS 3025 (Part 44) : 2019		53
h.	Oil & Grease(mg/L)	IS 3025 (Part 39) : 2021		5.4


Saurabh Sharma
26-07-2022
Reviewer


26-07-2022
PremKumar
[Authorized Signatory]

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Test Report

Document QF : 2501

Page 3 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2207180554 Sample Reg. Date :18-07-2022 Report Date :26-07-2022 Report No. :ICE-2207261126 NABL ULR No. :TC592622000010786F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

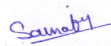
i.	Free Residual Chlorine (mg/L)	IS: 3025 (P-26): 2021		BLQ(LOQ: 1.0)

'#' 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
 26-07-2022
 Reviewer


 26-07-2022
 PremKumar
 [Authorized Signatory]

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Test Report

Document QF : 2501

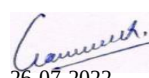
Page 1 of 3

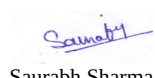
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2207180555 Sample Reg. Date :18-07-2022 Report Date :26-07-2022 Report No. :ICE-2207261127 NABL ULR No. :TC592622000010784F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

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

PART A : PARTICULARS OF SAMPLE SUBMITTED

a)	Nature of Sample #	STP Inlet Water (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	18-07-2022
n)	Date of Start	18-07-2022
o)	Date of Completion	26-07-2022
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample collected by lab rep. on 15.07.2022


 26-07-2022
 Gaurav Khandelwal
 [Authorized Signatory]


 Saurabh Sharma
 26-07-2022
 Reviewer


 26-07-2022
 PremKumar
 [Authorized Signatory]

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Test Report

Document QF : 2501

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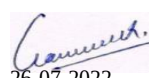
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2207180555 Sample Reg. Date :18-07-2022 Report Date :26-07-2022 Report No. :ICE-2207261127 NABL ULR No. :TC592622000010784F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

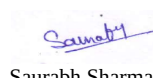
s)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
t)	Manufactured By [#]	NA
u)	Supplied By [#]	NA

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
Discipline : Chemical				
Group : Pollution & Environment				
1. General Parameters				
a.	Nitrate as NO ₃ (mg/L)	IS 3025 (Part 34) : 2019		BLQ(LOQ: 1.0)
b.	Calcium(as Ca)(mg/L)	IS 3025 (Part 40): 2019	-	81
c.	Magnesium as Mg(mg/L)	IS: 3025 Part 46): 2019	-	19
d.	Sodium(as Na)(mg/L)	IS 3025(Part 45): 2019	-	47
e.	Potassium as K,(mg/L)	APHA 23rd Edition-3500K B: 2017		19.8
f.	Phosphate as PO ₄ (mg/L)	APHA 23rd Edition 4500 - P D: 2017		0.185
Discipline : Biological				


26-07-2022
Gaurav Khandelwal
[Authorized Signatory]


Saurabh Sharma
26-07-2022
Reviewer


26-07-2022
PremKumar
[Authorized Signatory]

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2207180555 Sample Reg. Date :18-07-2022 Report Date :26-07-2022 Report No. :ICE-2207261127 NABL ULR No. :TC592622000010784F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

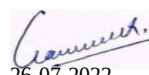
Group : Pollution & Environment				
1. Microbiological Tests				
a.	Faecal Coliforms, (MPN/100mL)	APHA-23 rd Edn 17-9221 F		4.0 x 10 ⁵
b.	E.coli, (MPN/100mL)	APHA-23 rd Edn 17-9221 F		1.8 x10 ⁵
c.	Total Coliform (MPN/100ml)	APHA-23 rd Edn 17-9221 F		5.4 x 10 ⁵

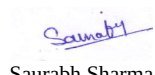
'#' represents Customer Defined Fields

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*****


 26-07-2022
 Gaurav Khandelwal
 [Authorized Signatory]


 Saurabh Sharma
 26-07-2022
 Reviewer


 26-07-2022
 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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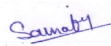
Page 1 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2207180556 Sample Reg. Date :18-07-2022 Report Date :26-07-2022 Report No. :ICE-2207261128 NABL ULR No. :TC592622000010783F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

Test Report as per IS: EPA Act 1986/PCLS/2010	With Amendment No.(s):

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 can
m)	Date of Receipt	18-07-2022
n)	Date of Start	18-07-2022
o)	Date of Completion	23-07-2022
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample collected by lab rep. on 15.07.2022


 Saurabh Sharma
 26-07-2022
 Reviewer


 26-07-2022
 PremKumar
 [Authorized Signatory]

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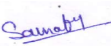
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2207180556 Sample Reg. Date :18-07-2022 Report Date :26-07-2022 Report No. :ICE-2207261128 NABL ULR No. :TC592622000010783F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

s) Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
t) Manufactured By [#]	NA
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
Discipline : Chemical				
Group : Pollution & Environment				
1. General Parameters				
a.	Colour	IS 3025 (Part 4) : 2021	Not Specified	Colorless
b.	Odour.	IS 3025 (Part 5) : 2018	Not Specified	None
c.	pH Value	IS: 3025 (Part 11): 2017	6-9	7.08
d.	Total Suspended Solids,(mg/L)	IS 3025 (Part 17): 2017	Max. 100	3
e.	Total Dissolved Solids (mg/L)	IS 3025 (Part 16) : 2017	Not Specified	495
f.	Chemical Oxygen Demand(mg/L)	IS 3025 (Part 58) : 2017	Not Specified	14
g.	Bio-chemical Oxygen Demand, mg/L (3 days at 27°C)	IS 3025 (Part 44) : 2019	Max. 30	3
h.	Oil & Grease(mg/L)	IS 3025 (Part 39) : 2021	Max. 10	<4.0


 Saurabh Sharma
 26-07-2022
 Reviewer


 26-07-2022
 PremKumar
 [Authorized Signatory]

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2207180556 Sample Reg. Date :18-07-2022 Report Date :26-07-2022 Report No. :ICE-2207261128 NABL ULR No. :TC592622000010783F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

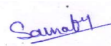
i.	Free Residual Chlorine (mg/L)	IS: 3025 (Part 26)-2021	Max. 1.0	BLQ(LOQ: 1.0)

'#' 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, Purpose - For Self Monitoring

REMARKS :N/A

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


Saurabh Sharma
26-07-2022
Reviewer


26-07-2022
PremKumar
[Authorized Signatory]

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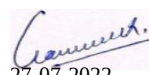
Page 1 of 3

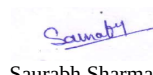
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2207180557 Sample Reg. Date :18-07-2022 Report Date :27-07-2022 Report No. :ICE-2207271237 NABL ULR No. :TC592622000010881F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per IS: EPA Act 1986/PCLS/2010	With Amendment No.(s):

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	18-07-2022
n)	Date of Start	18-07-2022
o)	Date of Completion	27-07-2022
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample collected by lab rep. on 15.07.2022


27-07-2022
Gaurav Khandelwal
[Authorized Signatory]


Saurabh Sharma
27-07-2022
Reviewer


27-07-2022
PremKumar
[Authorized Signatory]

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Page 2 of 3

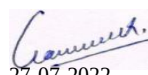
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2207180557 Sample Reg. Date :18-07-2022 Report Date :27-07-2022 Report No. :ICE-2207271237 NABL ULR No. :TC592622000010881F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

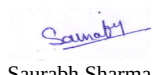
s)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
t)	Manufactured By [#]	NA
u)	Supplied By [#]	NA

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
Discipline : Chemical				
Group : Pollution & Environment				
1. General Parameters				
a.	Nitrate as NO ₃ (mg/L)	IS 3025 (Part 34) : 2019	Max. 10	BLQ(LOQ:1.0)
b.	Calcium(as Ca)(mg/L)	IS 3025 (Part 40): 2019	Not Specified	113.40
c.	Magnesium as Mg(mg/L)	IS: 3025 Part 46): 2019	Not Specified	98.75
d.	Sodium(as Na)(mg/L)	IS 3025(Part 45): 2019	Not Specified	52
e.	Potassium as K,(mg/L)	APHA 23rd Edition-3500K B: 2017	Not Specified	19.7
f.	Phosphate(as PO ₄), mg/L	APHA 23rd Edition 4500 - P D: 2017	Max. 5.0	BLQ(LOQ:0.003)
Discipline : Biological				


27-07-2022
Gaurav Khandelwal
[Authorized Signatory]


Saurabh Sharma
27-07-2022
Reviewer


27-07-2022
PremKumar
[Authorized Signatory]

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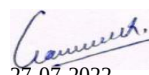
Group : Pollution & Environment				
1. Microbiological Tests				
a.	Faecal Coliform, MPN/100ml	APHA-23 rd Edn 17-9221 F	Max. 1000	809
b.	E.coli, (MPN/100mL)	APHA 23rd Edn 17-9221 E	Not Specified	693
c.	Total Coliform (MPN/100ml)	APHA-23 rd Edn 17-9221 F	Not Specified	938

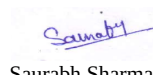
'#' represents Customer Defined Fields

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

REMARKS : N/A

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


27-07-2022
Gaurav Khandelwal
[Authorized Signatory]


Saurabh Sharma
27-07-2022
Reviewer


27-07-2022
PremKumar
[Authorized Signatory]

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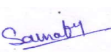
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2207230807 Sample Reg. Date :23-07-2022 Report Date :27-07-2022 Report No. :ICE-2207271219 NABL ULR No. :TC592622000010870F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020
Test Report as per :	: EPA Act 1986/PCLS/2010
Sampling Information :	
Name of Sample	: Ambient Noise
Date of Monitoring	: 22-07-2022
Time of Monitoring	: Day & Night
Nature of Industry	: Thermal Power Plant
Purpose of Monitoring	: For Self Monitoring


 Saurabh Sharma
 27-07-2022
 Reviewer


 27-07-2022
 PremKumar
 [Authorized Signatory]

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Document QF : 2501
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2207230807 Sample Reg. Date :23-07-2022 Report Date :27-07-2022 Report No. :ICE-2207271219 NABL ULR No. :TC592622000010870F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

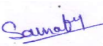
Description				
Description		Noise for 4 Locations		
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Atmospheric Pollution				
1. Location Name				
a.	Near Gate No.1 (Day Time), Leq dB (A)	IS:9989(RA 2014)	Max. 75.0	55.7
b.	Near Gate No.1 (Night Time), Leq dB (A)	IS:9989(RA 2014)	Max. 70.0	52.1
c.	Near Gate No.2 (Day Time), Leq dB (A)	IS:9989(RA 2014)	Max. 75.0	54.4
d.	Near Gate No.2 (Night Time), Leq dB (A)	IS:9989(RA 2014)	Max. 70.0	50.7
e.	Near Gate No.3 (Day Time), Leq dB (A)	IS:9989(RA 2014)	Max. 75.0	54.7
f.	Near Gate No.3 (Night Time), Leq dB (A)	IS:9989(RA 2014)	Max. 70.0	50.5
g.	Near Guest House (Day Time), Leq dB (A)	IS:9989(RA 2014)	Max. 75.0	52.9
h.	Near Guest House (Night Time), Leq dB (A)	IS:9989(RA 2014)	Max. 70.0	49.5

'#' 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
27-07-2022
Reviewer


27-07-2022
PremKumar
[Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)
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Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2208060196 Sample Reg. Date :06-08-2022 Report Date :12-08-2022 Report No. :ICE-2208120536 NABL ULR No. :TC592622000011573F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Gate No.3
Date of Monitoring	: 01-08-2022
Time of Monitoring	: 11:50 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.34
Volume of air sampled,m3	: 1800.29
Avg. Ambient Temperature,°C	: 38

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(SO ₂),µg/m ³	IS:5182(P-2)	80 Max	12.09
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS:5182(P-6)	80 Max	23.27
c.	Particulate Matter (PM ₁₀),µg/m ³	IS:5182(P-23)	100 Max	96.21
d.	Particulate matter (PM _{2.5}),µg/m ³	IS: 5182 (P-24)	60 Max	52.19

Saurabh Sharma
12-08-2022
Reviewer

12-08-2022
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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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2208060196 Sample Reg. Date :06-08-2022 Report Date :12-08-2022 Report No. :ICE-2208120536 NABL ULR No. :TC592622000011573F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

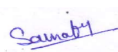
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	100 Max. (8 hourly)	22.42
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	2 Max. (8 hourly)	1.3
h.	Ammonia(NH ₃),µg/m ³	IS:5182(P-25)	400 Max	29.13
i.	Benzene (C ₆ H ₆),µg/m ³	IS: 5182 (P-11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS: 5182 (P-12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	STP/ITC/EW/002	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
12-08-2022
Reviewer


12-08-2022
PremKumar
[Authorized Signatory]

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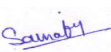
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Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2208060195 Sample Reg. Date :06-08-2022 Report Date :12-08-2022 Report No. :ICE-2208120535 NABL ULR No. :TC592622000011572F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Block C-3
Date of Monitoring	: 01-08-2022
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	: 1800.29
Avg. Ambient Temperature,°C	: 38

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(SO ₂),µg/m ³	IS:5182(P-2)	80 Max	8.28
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS:5182(P-6)	80 Max	17.12
c.	Particulate Matter (PM ₁₀),µg/m ³	IS:5182(P-23)	100 Max	98.15
d.	Particulate matter (PM _{2.5}),µg/m ³	IS: 5182 (P-24)	60 Max	53.87


Saurabh Sharma
12-08-2022
Reviewer


12-08-2022
PremKumar
[Authorized Signatory]

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2208060195 Sample Reg. Date :06-08-2022 Report Date :12-08-2022 Report No. :ICE-2208120535 NABL ULR No. :TC592622000011572F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

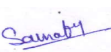
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	100 Max. (8 hourly)	25.34
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	2 Max. (8 hourly)	1.2
h.	Ammonia(NH ₃),µg/m ³	IS:5182(P-25)	400 Max	32.18
i.	Benzene (C ₆ H ₆),µg/m ³	IS: 5182 (P-11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS: 5182 (P-12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	STP/ITC/EW/002	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
12-08-2022
Reviewer


12-08-2022
PremKumar
[Authorized Signatory]

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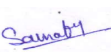
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2208060197 Sample Reg. Date :06-08-2022 Report Date :12-08-2022 Report No. :ICE-2208120538 NABL ULR No. :TC592622000011571F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Village-Khanpur
Date of Monitoring	: 01-08-2022
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	: 1800.29
Avg. Ambient Temperature,°C	: 38

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	11.09
b.	Nitrogen Dioxide(NO2),µg/m3	IS:5182(P-6)	80 Max	16.36
c.	Particulate Matter (PM10),µg/m3	IS:5182(P-23)	100 Max	108.32
d.	Particulate matter (PM 2.5),µg/m3	IS: 5182 (P-24)	60 Max	48.35


Saurabh Sharma
12-08-2022
Reviewer


12-08-2022
PremKumar
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Test Report

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Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2208060197 Sample Reg. Date :06-08-2022 Report Date :12-08-2022 Report No. :ICE-2208120538 NABL ULR No. :TC592622000011571F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

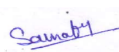
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	100 Max. (8 hourly)	23.15
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	2 Max. (8 hourly)	1.4
h.	Ammonia(NH ₃),µg/m ³	IS:5182(P-25)	400 Max	32.05
i.	Benzene (C ₆ H ₆),µg/m ³	IS: 5182 (P-11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS: 5182 (P-12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	STP/ITC/EW/002	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
12-08-2022
Reviewer


12-08-2022
PremKumar
[Authorized Signatory]

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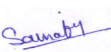
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2208060198 Sample Reg. Date :06-08-2022 Report Date :12-08-2022 Report No. :ICE-2208120539 NABL ULR No. :TC592622000011574F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Shakti Vihar
Date of Monitoring	: 01-08-2022
Time of Monitoring	: 12:30 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.34
Volume of air sampled, m ³	: 1788.78
Avg. Ambient Temperature, °C	: 40

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(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	13.17
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	20.39
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	90.17
d.	Particulate matter (PM _{2.5}), µg/m ³	IS: 5182 (P-24)	60 Max	48.35


Saurabh Sharma
12-08-2022
Reviewer


12-08-2022
PremKumar
[Authorized Signatory]

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2208060198 Sample Reg. Date :06-08-2022 Report Date :12-08-2022 Report No. :ICE-2208120539 NABL ULR No. :TC592622000011574F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

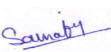
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	100 Max. (8 hourly)	23.42
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	2 Max. (8 hourly)	BLQ (LOQ:1.0)
h.	Ammonia(NH ₃),µg/m ³	IS:5182(P-25)	400 Max	36.17
i.	Benzene (C ₆ H ₆),µg/m ³	IS: 5182 (P-11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS: 5182 (P-12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	STP/ITC/EW/002	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
12-08-2022
Reviewer


12-08-2022
PremKumar
[Authorized Signatory]

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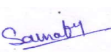
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2208060200 Sample Reg. Date :06-08-2022 Report Date :12-08-2022 Report No. :ICE-2208120565 NABL ULR No. :TC592622000011584F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Gate No.3
Date of Monitoring	: 04-08-2022
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	: 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(SO ₂),µg/m ³	IS:5182(P-2)	80 Max	10.38
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS:5182(P-6)	80 Max	21.23
c.	Particulate Matter (PM ₁₀),µg/m ³	IS:5182(P-23)	100 Max	97.29
d.	Particulate matter (PM _{2.5}),µg/m ³	IS: 5182 (P-24)	60 Max	48.20


Saurabh Sharma
12-08-2022
Reviewer


12-08-2022
PremKumar
[Authorized Signatory]

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2208060200 Sample Reg. Date :06-08-2022 Report Date :12-08-2022 Report No. :ICE-2208120565 NABL ULR No. :TC592622000011584F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

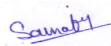
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	100 Max. (8 hourly)	21.05
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	2 Max. (8 hourly)	1.2
h.	Ammonia(NH ₃),µg/m ³	IS:5182(P-25)	400 Max	27.15
i.	Benzene (C ₆ H ₆),µg/m ³	IS: 5182 (P-11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS: 5182 (P-12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	STP/ITC/EW/002	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
12-08-2022
Reviewer


12-08-2022
PremKumar
[Authorized Signatory]

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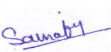
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2208060199 Sample Reg. Date :06-08-2022 Report Date :12-08-2022 Report No. :ICE-2208120540 NABL ULR No. :TC592622000011570F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Block C-6
Date of Monitoring	: 04-08-2022
Time of Monitoring	: 11:00 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.34
Volume of air sampled,m3	: 1806.09
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(SO ₂),µg/m ³	IS:5182(P-2)	80 Max	9.12
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS:5182(P-6)	80 Max	14.33
c.	Particulate Matter (PM ₁₀),µg/m ³	IS:5182(P-23)	100 Max	88.20
d.	Particulate matter (PM _{2.5}),µg/m ³	IS: 5182 (P-24)	60 Max	42.31


Saurabh Sharma
12-08-2022
Reviewer


12-08-2022
PremKumar
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e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	100 Max. (8 hourly)	25.12
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	2 Max. (8 hourly)	1.1
h.	Ammonia(NH ₃),µg/m ³	IS:5182(P-25)	400 Max	36.45
i.	Benzene (C ₆ H ₆),µg/m ³	IS: 5182 (P-11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS: 5182 (P-12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	STP/ITC/EW/002	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
12-08-2022
Reviewer


12-08-2022
PremKumar
[Authorized Signatory]

Disclaimer :

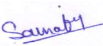
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2208060201 Sample Reg. Date :06-08-2022 Report Date :12-08-2022 Report No. :ICE-2208120541 NABL ULR No. :TC592622000011569F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Village-Khanpur
Date of Monitoring	: 04-08-2022
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	: 1806.09
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	13.38
b.	Nitrogen Dioxide(NO2),µg/m3	IS:5182(P-6)	80 Max	18.41
c.	Particulate Matter (PM10),µg/m3	IS:5182(P-23)	100 Max	104.26
d.	Particulate matter (PM 2.5),µg/m3	IS: 5182 (P-24)	60 Max	52.31


Saurabh Sharma
12-08-2022
Reviewer


12-08-2022
PremKumar
[Authorized Signatory]

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Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2208060201 Sample Reg. Date :06-08-2022 Report Date :12-08-2022 Report No. :ICE-2208120541 NABL ULR No. :TC592622000011569F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

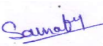
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	100 Max. (8 hourly)	25.16
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	2 Max. (8 hourly)	1.3
h.	Ammonia(NH ₃),µg/m ³	IS:5182(P-25)	400 Max	34.56
i.	Benzene (C ₆ H ₆),µg/m ³	IS: 5182 (P-11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS: 5182 (P-12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	STP/ITC/EW/002	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
12-08-2022
Reviewer


12-08-2022
PremKumar
[Authorized Signatory]

Disclaimer :

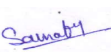
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2208060202 Sample Reg. Date :06-08-2022 Report Date :12-08-2022 Report No. :ICE-2208120537 NABL ULR No. :TC592622000011568F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Shakti Vihar
Date of Monitoring	: 04-08-2022
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

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	12.05
b.	Nitrogen Dioxide(NO2),µg/m3	IS:5182(P-6)	80 Max	18.14
c.	Particulate Matter (PM10),µg/m3	IS:5182(P-23)	100 Max	89.20
d.	Particulate matter (PM 2.5),µg/m3	IS: 5182 (P-24)	60 Max	48.42


Saurabh Sharma
12-08-2022
Reviewer


12-08-2022
PremKumar
[Authorized Signatory]

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Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2208060202 Sample Reg. Date :06-08-2022 Report Date :12-08-2022 Report No. :ICE-2208120537 NABL ULR No. :TC592622000011568F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

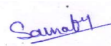
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	100 Max. (8 hourly)	24.68
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	2 Max. (8 hourly)	BLQ (LOQ:1.0)
h.	Ammonia(NH ₃),µg/m ³	IS:5182(P-25)	400 Max	38.27
i.	Benzene (C ₆ H ₆),µg/m ³	IS: 5182 (P-11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS: 5182 (P-12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	STP/ITC/EW/002	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
12-08-2022
Reviewer


12-08-2022
PremKumar
[Authorized Signatory]

Disclaimer :

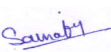
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2208160512 Sample Reg. Date :16-08-2022 Report Date :27-08-2022 Report No. :ICE-2208270987 NABL ULR No. :TC592622000012060F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Gate No.3
Date of Monitoring	: 08-08-2022
Time of Monitoring	: 11:00 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.34
Volume of air sampled,m3	: 1806.09
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/m ³	IS:5182(P-2)	80 Max	10.18
b.	Nitrogen Dioxide(NO2),µg/m3	IS:5182(P-6)	80 Max	19.30
c.	Particulate Matter (PM ₁₀),µg/m3	IS:5182(P-23)	100 Max	94.40
d.	Particulate matter (PM _{2.5}),µg/m3	IS: 5182 (P-24)	60 Max	50.08


Saurabh Sharma
27-08-2022
Reviewer


27-08-2022
PremKumar
[Authorized Signatory]

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- Legal disputes are subjected to Panchkula Jurisdiction only.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2208160512 Sample Reg. Date :16-08-2022 Report Date :27-08-2022 Report No. :ICE-2208270987 NABL ULR No. :TC592622000012060F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

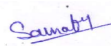
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	100 Max. (8 hourly)	21.36
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	2 Max. (8 hourly)	1.4
h.	Ammonia(NH ₃),µg/m ³	IS:5182(P-25)	400 Max	34.18
i.	Benzene (C ₆ H ₆),µg/m ³	IS: 5182 (P-11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS: 5182 (P-12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	STP/ITC/EW/002	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
27-08-2022
Reviewer


27-08-2022
PremKumar
[Authorized Signatory]

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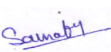
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2208160511 Sample Reg. Date :16-08-2022 Report Date :27-08-2022 Report No. :ICE-2208270986 NABL ULR No. :TC592622000012042F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Block C-3
Date of Monitoring	: 08-08-2022
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	: 1798.42
Avg. Ambient Temperature,°C	: 36

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(SO ₂),µg/m ³	IS:5182(P-2)	80 Max	9.22
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS:5182(P-6)	80 Max	15.40
c.	Particulate Matter (PM ₁₀),µg/m ³	IS:5182(P-23)	100 Max	96.14
d.	Particulate matter (PM _{2.5}),µg/m ³	IS: 5182 (P-24)	60 Max	54.32


Saurabh Sharma
27-08-2022
Reviewer


27-08-2022
PremKumar
[Authorized Signatory]

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Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2208160511 Sample Reg. Date :16-08-2022 Report Date :27-08-2022 Report No. :ICE-2208270986 NABL ULR No. :TC592622000012042F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

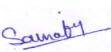
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	100 Max. (8 hourly)	23.36
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	2 Max. (8 hourly)	1.2
h.	Ammonia(NH ₃),µg/m ³	IS:5182(P-25)	400 Max	30.19
i.	Benzene (C ₆ H ₆),µg/m ³	IS: 5182 (P-11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS: 5182 (P-12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	STP/ITC/EW/002	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
27-08-2022
Reviewer


27-08-2022
PremKumar
[Authorized Signatory]

Disclaimer :

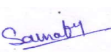
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2208160513 Sample Reg. Date :16-08-2022 Report Date :27-08-2022 Report No. :ICE-2208270988 NABL ULR No. :TC592622000012059F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Village-Khanpur
Date of Monitoring	: 08-08-2022
Time of Monitoring	: 10:10 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	: 1806.09
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/m ³	IS:5182(P-2)	80 Max	10.32
b.	Nitrogen Dioxide(NO2),µg/m3	IS:5182(P-6)	80 Max	17.06
c.	Particulate Matter (PM ₁₀),µg/m3	IS:5182(P-23)	100 Max	108.13
d.	Particulate matter (PM _{2.5}),µg/m3	IS: 5182 (P-24)	60 Max	52.65


Saurabh Sharma
27-08-2022
Reviewer


27-08-2022
PremKumar
[Authorized Signatory]

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Test Report

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Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2208160513 Sample Reg. Date :16-08-2022 Report Date :27-08-2022 Report No. :ICE-2208270988 NABL ULR No. :TC592622000012059F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

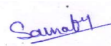
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	100 Max. (8 hourly)	24.45
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	2 Max. (8 hourly)	1.3
h.	Ammonia(NH ₃),µg/m ³	IS:5182(P-25)	400 Max	29.15
i.	Benzene (C ₆ H ₆),µg/m ³	IS: 5182 (P-11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS: 5182 (P-12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	STP/ITC/EW/002	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
27-08-2022
Reviewer


27-08-2022
PremKumar
[Authorized Signatory]

Disclaimer :

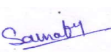
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2208160514 Sample Reg. Date :16-08-2022 Report Date :27-08-2022 Report No. :ICE-2208270989 NABL ULR No. :TC592622000012058F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Shakti Vihar
Date of Monitoring	: 08-08-2022
Time of Monitoring	: 11:50 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.34
Volume of air sampled,m3	: 1806.09
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/m ³	IS:5182(P-2)	80 Max	13.65
b.	Nitrogen Dioxide(NO2),µg/m3	IS:5182(P-6)	80 Max	22.12
c.	Particulate Matter (PM ₁₀),µg/m3	IS:5182(P-23)	100 Max	87.48
d.	Particulate matter (PM _{2.5}),µg/m3	IS: 5182 (P-24)	60 Max	45.03


Saurabh Sharma
27-08-2022
Reviewer


27-08-2022
PremKumar
[Authorized Signatory]

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2208160514 Sample Reg. Date :16-08-2022 Report Date :27-08-2022 Report No. :ICE-2208270989 NABL ULR No. :TC592622000012058F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

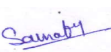
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	100 Max. (8 hourly)	21.42
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	2 Max. (8 hourly)	BLQ (LOQ:1.0)
h.	Ammonia(NH ₃),µg/m ³	IS:5182(P-25)	400 Max	36.28
i.	Benzene (C ₆ H ₆),µg/m ³	IS: 5182 (P-11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS: 5182 (P-12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	STP/ITC/EW/002	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
27-08-2022
Reviewer


27-08-2022
PremKumar
[Authorized Signatory]

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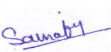
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2208160516 Sample Reg. Date :16-08-2022 Report Date :27-08-2022 Report No. :ICE-2208270991 NABL ULR No. :TC592622000012056F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Gate No.3
Date of Monitoring	: 11-08-2022
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	: 1800.29
Avg. Ambient Temperature,°C	: 38

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(SO ₂),µg/m ³	IS:5182(P-2)	80 Max	11.69
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS:5182(P-6)	80 Max	17.39
c.	Particulate Matter (PM ₁₀),µg/m ³	IS:5182(P-23)	100 Max	97.26
d.	Particulate matter (PM _{2.5}),µg/m ³	IS: 5182 (P-24)	60 Max	53.87


Saurabh Sharma
27-08-2022
Reviewer


27-08-2022
PremKumar
[Authorized Signatory]

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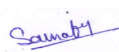
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	100 Max. (8 hourly)	22.39
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	2 Max. (8 hourly)	1.2
h.	Ammonia(NH ₃),µg/m ³	IS:5182(P-25)	400 Max	31.16
i.	Benzene (C ₆ H ₆),µg/m ³	IS: 5182 (P-11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS: 5182 (P-12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	STP/ITC/EW/002	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
27-08-2022
Reviewer


27-08-2022
PremKumar
[Authorized Signatory]

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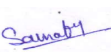
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2208160515 Sample Reg. Date :16-08-2022 Report Date :27-08-2022 Report No. :ICE-2208270990 NABL ULR No. :TC592622000012057F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Block C-6
Date of Monitoring	: 11-08-2022
Time of Monitoring	: 11:40 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.33
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(SO ₂),µg/m ³	IS:5182(P-2)	80 Max	8.12
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS:5182(P-6)	80 Max	15.23
c.	Particulate Matter (PM ₁₀),µg/m ³	IS:5182(P-23)	100 Max	90.09
d.	Particulate matter (PM _{2.5}),µg/m ³	IS: 5182 (P-24)	60 Max	45.84


Saurabh Sharma
27-08-2022
Reviewer


27-08-2022
PremKumar
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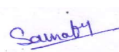
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	100 Max. (8 hourly)	26.20
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	2 Max. (8 hourly)	1.1
h.	Ammonia(NH ₃),µg/m ³	IS:5182(P-25)	400 Max	34.15
i.	Benzene (C ₆ H ₆),µg/m ³	IS: 5182 (P-11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS: 5182 (P-12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	STP/ITC/EW/002	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
27-08-2022
Reviewer


27-08-2022
PremKumar
[Authorized Signatory]

Disclaimer :

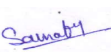
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2208160517 Sample Reg. Date :16-08-2022 Report Date :27-08-2022 Report No. :ICE-2208270992 NABL ULR No. :TC592622000012053F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Village-Khanpur
Date of Monitoring	: 11-08-2022
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	: 1806.09
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/m ³	IS:5182(P-2)	80 Max	11.25
b.	Nitrogen Dioxide(NO2),µg/m3	IS:5182(P-6)	80 Max	21.41
c.	Particulate Matter (PM ₁₀),µg/m3	IS:5182(P-23)	100 Max	106.14
d.	Particulate matter (PM _{2.5}),µg/m3	IS: 5182 (P-24)	60 Max	56.40


Saurabh Sharma
27-08-2022
Reviewer


27-08-2022
PremKumar
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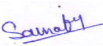
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	100 Max. (8 hourly)	23.64
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	2 Max. (8 hourly)	1.3
h.	Ammonia(NH ₃),µg/m ³	IS:5182(P-25)	400 Max	35.16
i.	Benzene (C ₆ H ₆),µg/m ³	IS: 5182 (P-11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS: 5182 (P-12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	STP/ITC/EW/002	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
27-08-2022
Reviewer


27-08-2022
PremKumar
[Authorized Signatory]

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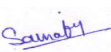
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2208160518 Sample Reg. Date :16-08-2022 Report Date :27-08-2022 Report No. :ICE-2208270993 NABL ULR No. :TC592622000012052F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Shakti Vihar
Date of Monitoring	: 11-08-2022
Time of Monitoring	: 12:10 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.34
Volume of air sampled, m ³	: 1800.29
Avg. Ambient Temperature, °C	: 38

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(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	14.36
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	25.12
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	87.43
d.	Particulate matter (PM _{2.5}), µg/m ³	IS: 5182 (P-24)	60 Max	49.24


Saurabh Sharma
27-08-2022
Reviewer


27-08-2022
PremKumar
[Authorized Signatory]

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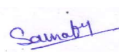
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	100 Max. (8 hourly)	25.32
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	2 Max. (8 hourly)	BLQ (LOQ:1.0)
h.	Ammonia(NH ₃),µg/m ³	IS:5182(P-25)	400 Max	36.54
i.	Benzene (C ₆ H ₆),µg/m ³	IS: 5182 (P-11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS: 5182 (P-12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	STP/ITC/EW/002	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
27-08-2022
Reviewer


27-08-2022
PremKumar
[Authorized Signatory]

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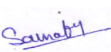
Test Report

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2208220700 Sample Reg. Date :22-08-2022 Report Date :31-08-2022 Report No. :ICE-2208311195 NABL ULR No. :TC592622000012275F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Gate No.3
Date of Monitoring	: 15-08-2022
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

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(SO ₂),µg/m ³	IS:5182(P-2)	80 Max	10.18
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS:5182(P-6)	80 Max	14.89
c.	Particulate Matter (PM ₁₀),µg/m ³	IS:5182(P-23)	100 Max	95.51
d.	Particulate matter (PM _{2.5}),µg/m ³	IS: 5182 (P-24)	60 Max	39.56


Saurabh Sharma
31-08-2022
Reviewer


31-08-2022
PremKumar
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2208220700 Sample Reg. Date :22-08-2022 Report Date :31-08-2022 Report No. :ICE-2208311195 NABL ULR No. :TC592622000012275F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

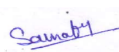
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	100 Max. (8 hourly)	21.26
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	2 Max. (8 hourly)	1.4
h.	Ammonia(NH ₃),µg/m ³	IS:5182(P-25)	400 Max	25.64
i.	Benzene (C ₆ H ₆),µg/m ³	IS: 5182 (P-11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS: 5182 (P-12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	STP/ITC/EW/002	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
31-08-2022
Reviewer


31-08-2022
PremKumar
[Authorized Signatory]

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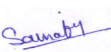
Test Report

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2208220699 Sample Reg. Date :22-08-2022 Report Date :31-08-2022 Report No. :ICE-2208311194 NABL ULR No. :TC592622000012273F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Block C-3
Date of Monitoring	: 15-08-2022
Time of Monitoring	: 11:50 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.34
Volume of air sampled, m ³	: 1617.69
Avg. Ambient Temperature, °C	: 31

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(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	8.39
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	12.66
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	92.42
d.	Particulate matter (PM _{2.5}), µg/m ³	IS: 5182 (P-24)	60 Max	37.46


Saurabh Sharma
31-08-2022
Reviewer


31-08-2022
PremKumar
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2208220699 Sample Reg. Date :22-08-2022 Report Date :31-08-2022 Report No. :ICE-2208311194 NABL ULR No. :TC592622000012273F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

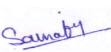
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	100 Max. (8 hourly)	22.32
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	2 Max. (8 hourly)	1.1
h.	Ammonia(NH ₃),µg/m ³	IS:5182(P-25)	400 Max	30.89
i.	Benzene (C ₆ H ₆),µg/m ³	IS: 5182 (P-11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS: 5182 (P-12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	STP/ITC/EW/002	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
31-08-2022
Reviewer


31-08-2022
PremKumar
[Authorized Signatory]

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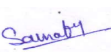
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2208220701 Sample Reg. Date :22-08-2022 Report Date :31-08-2022 Report No. :ICE-2208311196 NABL ULR No. :TC592622000012280F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Village-Khanpur
Date of Monitoring	: 15-08-2022
Time of Monitoring	: 11:00 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.34
Volume of air sampled,m3	: 1835.70
Avg. Ambient Temperature,°C	: 32

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(SO ₂),µg/m ³	IS:5182(P-2)	80 Max	8.19
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS:5182(P-6)	80 Max	17.32
c.	Particulate Matter (PM ₁₀),µg/m ³	IS:5182(P-23)	100 Max	99.31
d.	Particulate matter (PM _{2.5}),µg/m ³	IS: 5182 (P-24)	60 Max	48.82


Saurabh Sharma
31-08-2022
Reviewer


31-08-2022
PremKumar
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Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2208220701 Sample Reg. Date :22-08-2022 Report Date :31-08-2022 Report No. :ICE-2208311196 NABL ULR No. :TC592622000012280F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

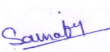
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	100 Max. (8 hourly)	24.38
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	2 Max. (8 hourly)	1.3
h.	Ammonia(NH ₃),µg/m ³	IS:5182(P-25)	400 Max	29.34
i.	Benzene (C ₆ H ₆),µg/m ³	IS: 5182 (P-11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS: 5182 (P-12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	STP/ITC/EW/002	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
31-08-2022
Reviewer


31-08-2022
PremKumar
[Authorized Signatory]

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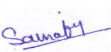
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2208220702 Sample Reg. Date :22-08-2022 Report Date :31-08-2022 Report No. :ICE-2208311200 NABL ULR No. :TC592622000012272F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Shakti Vihar
Date of Monitoring	: 15-08-2022
Time of Monitoring	: 12:10 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.34
Volume of air sampled, m ³	: 1841.74
Avg. Ambient Temperature, °C	: 31

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(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	8.16
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	13.57
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	85.73
d.	Particulate matter (PM _{2.5}), µg/m ³	IS: 5182 (P-24)	60 Max	34.93


Saurabh Sharma
31-08-2022
Reviewer


31-08-2022
Prem Kumar
[Authorized Signatory]

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Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2208220702 Sample Reg. Date :22-08-2022 Report Date :31-08-2022 Report No. :ICE-2208311200 NABL ULR No. :TC592622000012272F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

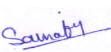
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	100 Max. (8 hourly)	23.14
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	2 Max. (8 hourly)	BLQ (LOQ:1.0)
h.	Ammonia(NH ₃),µg/m ³	IS:5182(P-25)	400 Max	29.67
i.	Benzene (C ₆ H ₆),µg/m ³	IS: 5182 (P-11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS: 5182 (P-12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	STP/ITC/EW/002	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
31-08-2022
Reviewer


31-08-2022
PremKumar
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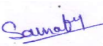
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Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2208220704 Sample Reg. Date :22-08-2022 Report Date :31-08-2022 Report No. :ICE-2208311199 NABL ULR No. :TC592622000012271F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Gate No.3
Date of Monitoring	: 18-08-2022
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	: 1816.05
Avg. Ambient Temperature,°C	: 33

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(SO ₂),µg/m ³	IS:5182(P-2)	80 Max	8.15
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS:5182(P-6)	80 Max	13.35
c.	Particulate Matter (PM ₁₀),µg/m ³	IS:5182(P-23)	100 Max	89.59
d.	Particulate matter (PM _{2.5}),µg/m ³	IS: 5182 (P-24)	60 Max	38.72


Saurabh Sharma
31-08-2022
Reviewer


31-08-2022
PremKumar
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2208220704 Sample Reg. Date :22-08-2022 Report Date :31-08-2022 Report No. :ICE-2208311199 NABL ULR No. :TC592622000012271F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

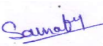
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	100 Max. (8 hourly)	21.39
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	2 Max. (8 hourly)	1.3
h.	Ammonia(NH ₃),µg/m ³	IS:5182(P-25)	400 Max	24.26
i.	Benzene (C ₆ H ₆),µg/m ³	IS: 5182 (P-11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS: 5182 (P-12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	STP/ITC/EW/002	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
31-08-2022
Reviewer


31-08-2022
PremKumar
[Authorized Signatory]

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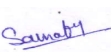
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2208220703 Sample Reg. Date :22-08-2022 Report Date :31-08-2022 Report No. :ICE-2208311204 NABL ULR No. :TC592622000012283F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Block C-6
Date of Monitoring	: 18-08-2022
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	: 1829.70
Avg. Ambient Temperature,°C	: 33

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(SO ₂),µg/m ³	IS:5182(P-2)	80 Max	6.44
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS:5182(P-6)	80 Max	10.21
c.	Particulate Matter (PM ₁₀),µg/m ³	IS:5182(P-23)	100 Max	87.56
d.	Particulate matter (PM _{2.5}),µg/m ³	IS: 5182 (P-24)	60 Max	22.31


Saurabh Sharma
31-08-2022
Reviewer


31-08-2022
PremKumar
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Test Report

Document QF : 2501
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2208220703 Sample Reg. Date :22-08-2022 Report Date :31-08-2022 Report No. :ICE-2208311204 NABL ULR No. :TC592622000012283F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

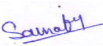
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	100 Max. (8 hourly)	22.78
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	2 Max. (8 hourly)	1.2
h.	Ammonia(NH ₃),µg/m ³	IS:5182(P-25)	400 Max	29.47
i.	Benzene (C ₆ H ₆),µg/m ³	IS: 5182 (P-11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS: 5182 (P-12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	STP/ITC/EW/002	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
31-08-2022
Reviewer


31-08-2022
PremKumar
[Authorized Signatory]

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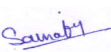
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2208220705 Sample Reg. Date :22-08-2022 Report Date :31-08-2022 Report No. :ICE-2208311198 NABL ULR No. :TC592622000012279F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Village-Khanpur
Date of Monitoring	: 18-08-2022
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	: 1829.70
Avg. Ambient Temperature,°C	: 33

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/m ³	IS:5182(P-2)	80 Max	7.49
b.	Nitrogen Dioxide(NO2),µg/m3	IS:5182(P-6)	80 Max	15.34
c.	Particulate Matter (PM ₁₀),µg/m3	IS:5182(P-23)	100 Max	93.79
d.	Particulate matter (PM _{2.5}),µg/m3	IS: 5182 (P-24)	60 Max	43.35


Saurabh Sharma
31-08-2022
Reviewer


31-08-2022
PremKumar
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Test Report

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2208220705 Sample Reg. Date :22-08-2022 Report Date :31-08-2022 Report No. :ICE-2208311198 NABL ULR No. :TC592622000012279F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

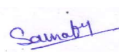
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	100 Max. (8 hourly)	25.68
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	2 Max. (8 hourly)	1.4
h.	Ammonia(NH ₃),µg/m ³	IS:5182(P-25)	400 Max	28.88
i.	Benzene (C ₆ H ₆),µg/m ³	IS: 5182 (P-11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS: 5182 (P-12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	STP/ITC/EW/002	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
31-08-2022
Reviewer


31-08-2022
PremKumar
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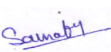
Test Report

Document QF : 2501
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2208220706 Sample Reg. Date :22-08-2022 Report Date :31-08-2022 Report No. :ICE-2208311197 NABL ULR No. :TC592622000012270F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Shakti Vihar
Date of Monitoring	: 18-08-2022
Time of Monitoring	: 12:00 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.33
Volume of air sampled,m3	: 1822.00
Avg. Ambient Temperature,°C	: 32

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(SO ₂),µg/m ³	IS:5182(P-2)	80 Max	6.48
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS:5182(P-6)	80 Max	10.27
c.	Particulate Matter (PM ₁₀),µg/m ³	IS:5182(P-23)	100 Max	80.68
d.	Particulate matter (PM _{2.5}),µg/m ³	IS: 5182 (P-24)	60 Max	33.67


Saurabh Sharma
31-08-2022
Reviewer


31-08-2022
PremKumar
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Test Report

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Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2208220706 Sample Reg. Date :22-08-2022 Report Date :31-08-2022 Report No. :ICE-2208311197 NABL ULR No. :TC592622000012270F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

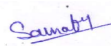
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	100 Max. (8 hourly)	21.39
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	2 Max. (8 hourly)	BLQ (LOQ:1.0)
h.	Ammonia(NH ₃),µg/m ³	IS:5182(P-25)	400 Max	BLQ(LOQ:20)
i.	Benzene (C ₆ H ₆),µg/m ³	IS: 5182 (P-11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS: 5182 (P-12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	STP/ITC/EW/002	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
31-08-2022
Reviewer


31-08-2022
PremKumar
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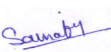
Test Report

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Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2208301008 Sample Reg. Date :30-08-2022 Report Date :05-09-2022 Report No. :ICE-2209050130 NABL ULR No. :TC592622000012488F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Gate No.3
Date of Monitoring	: 22-08-2022
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	: 1816.05
Avg. Ambient Temperature,°C	: 33

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(SO ₂),µg/m ³	IS:5182(P-2)	80 Max	7.56
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS:5182(P-6)	80 Max	13.36
c.	Particulate Matter (PM ₁₀),µg/m ³	IS:5182(P-23)	100 Max	84.52
d.	Particulate matter (PM _{2.5}),µg/m ³	IS: 5182 (P-24)	60 Max	47.30


Saurabh Sharma
05-09-2022
Reviewer


05-09-2022
PremKumar
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Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2208301008 Sample Reg. Date :30-08-2022 Report Date :05-09-2022 Report No. :ICE-2209050130 NABL ULR No. :TC592622000012488F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

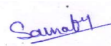
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	100 Max. (8 hourly)	21.45
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	2 Max. (8 hourly)	1.1
h.	Ammonia(NH ₃),µg/m ³	IS:5182(P-25)	400 Max	25.52
i.	Benzene (C ₆ H ₆),µg/m ³	IS: 5182 (P-11)	5 Max	BLQ(LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS: 5182 (P-12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	STP/ITC/EW/002	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
05-09-2022
Reviewer


05-09-2022
PremKumar
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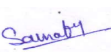
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2208301007 Sample Reg. Date :30-08-2022 Report Date :05-09-2022 Report No. :ICE-2209050129 NABL ULR No. :TC592622000012487F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Block C-3
Date of Monitoring	: 22-08-2022
Time of Monitoring	: 11:50 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.34
Volume of air sampled,m3	: 1823.74
Avg. Ambient Temperature,°C	: 34

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(SO ₂),µg/m ³	IS:5182(P-2)	80 Max	8.19
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS:5182(P-6)	80 Max	15.30
c.	Particulate Matter (PM ₁₀),µg/m ³	IS:5182(P-23)	100 Max	89.28
d.	Particulate matter (PM _{2.5}),µg/m ³	IS: 5182 (P-24)	60 Max	43.65


Saurabh Sharma
05-09-2022
Reviewer


05-09-2022
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Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2208301007 Sample Reg. Date :30-08-2022 Report Date :05-09-2022 Report No. :ICE-2209050129 NABL ULR No. :TC592622000012487F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

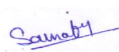
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	100 Max. (8 hourly)	22.43
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	2 Max. (8 hourly)	1.3
h.	Ammonia(NH ₃),µg/m ³	IS:5182(P-25)	400 Max	29.56
i.	Benzene (C ₆ H ₆),µg/m ³	IS: 5182 (P-11)	5 Max	BLQ(LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS: 5182 (P-12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	STP/ITC/EW/002	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
05-09-2022
Reviewer


05-09-2022
PremKumar
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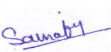
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2208301009 Sample Reg. Date :30-08-2022 Report Date :05-09-2022 Report No. :ICE-2209050131 NABL ULR No. :TC592622000012489F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Village-Khanpur
Date of Monitoring	: 22-08-2022
Time of Monitoring	: 11:00 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.34
Volume of air sampled,m3	: 1823.74
Avg. Ambient Temperature,°C	: 34

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(SO ₂),µg/m ³	IS:5182(P-2)	80 Max	12.45
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS:5182(P-6)	80 Max	19.20
c.	Particulate Matter (PM ₁₀),µg/m ³	IS:5182(P-23)	100 Max	108.18
d.	Particulate matter (PM _{2.5}),µg/m ³	IS: 5182 (P-24)	60 Max	52.21


Saurabh Sharma
05-09-2022
Reviewer


05-09-2022
PremKumar
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Test Report

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Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2208301009 Sample Reg. Date :30-08-2022 Report Date :05-09-2022 Report No. :ICE-2209050131 NABL ULR No. :TC592622000012489F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	100 Max. (8 hourly)	24.47
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	2 Max. (8 hourly)	1.4
h.	Ammonia(NH ₃),µg/m ³	IS:5182(P-25)	400 Max	32.65
i.	Benzene (C ₆ H ₆),µg/m ³	IS: 5182 (P-11)	5 Max	BLQ(LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS: 5182 (P-12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	STP/ITC/EW/002	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
05-09-2022
Reviewer


05-09-2022
PremKumar
[Authorized Signatory]

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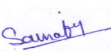
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2208301010 Sample Reg. Date :30-08-2022 Report Date :05-09-2022 Report No. :ICE-2209050133 NABL ULR No. :TC592622000012490F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Shakti Vihar
Date of Monitoring	: 22-08-2022
Time of Monitoring	: 12:10 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	: 1816.05
Avg. Ambient Temperature,°C	: 33

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/m ³	IS:5182(P-2)	80 Max	9.62
b.	Nitrogen Dioxide(NO2),µg/m3	IS:5182(P-6)	80 Max	16.32
c.	Particulate Matter (PM ₁₀),µg/m3	IS:5182(P-23)	100 Max	92.45
d.	Particulate matter (PM _{2.5}),µg/m3	IS: 5182 (P-24)	60 Max	48.05


Saurabh Sharma
05-09-2022
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05-09-2022
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2208301010 Sample Reg. Date :30-08-2022 Report Date :05-09-2022 Report No. :ICE-2209050133 NABL ULR No. :TC592622000012490F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

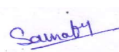
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	100 Max. (8 hourly)	23.48
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	2 Max. (8 hourly)	1.4
h.	Ammonia(NH ₃),µg/m ³	IS:5182(P-25)	400 Max	27.15
i.	Benzene (C ₆ H ₆),µg/m ³	IS: 5182 (P-11)	5 Max	BLQ(LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS: 5182 (P-12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	STP/ITC/EW/002	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
05-09-2022
Reviewer


05-09-2022
PremKumar
[Authorized Signatory]

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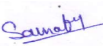
Test Report

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2208301012 Sample Reg. Date :30-08-2022 Report Date :05-09-2022 Report No. :ICE-2209050135 NABL ULR No. :TC592622000012492F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Gate No.3
Date of Monitoring	: 25-08-2022
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	: 1823.74
Avg. Ambient Temperature,°C	: 34

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(SO ₂),µg/m ³	IS:5182(P-2)	80 Max	10.05
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS:5182(P-6)	80 Max	18.60
c.	Particulate Matter (PM ₁₀),µg/m ³	IS:5182(P-23)	100 Max	94.25
d.	Particulate matter (PM _{2.5}),µg/m ³	IS: 5182 (P-24)	60 Max	53.45


Saurabh Sharma
05-09-2022
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05-09-2022
PremKumar
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2208301012 Sample Reg. Date :30-08-2022 Report Date :05-09-2022 Report No. :ICE-2209050135 NABL ULR No. :TC592622000012492F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

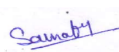
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	100 Max. (8 hourly)	24.32
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	2 Max. (8 hourly)	1.3
h.	Ammonia(NH ₃),µg/m ³	IS:5182(P-25)	400 Max	27.58
i.	Benzene (C ₆ H ₆),µg/m ³	IS: 5182 (P-11)	5 Max	BLQ(LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS: 5182 (P-12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	STP/ITC/EW/002	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
05-09-2022
Reviewer


05-09-2022
PremKumar
[Authorized Signatory]

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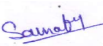
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2208301011 Sample Reg. Date :30-08-2022 Report Date :05-09-2022 Report No. :ICE-2209050134 NABL ULR No. :TC592622000012491F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Block C-6
Date of Monitoring	: 25-08-2022
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

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/m ³	IS:5182(P-2)	80 Max	9.12
b.	Nitrogen Dioxide(NO2),µg/m3	IS:5182(P-6)	80 Max	18.07
c.	Particulate Matter (PM ₁₀),µg/m3	IS:5182(P-23)	100 Max	85.32
d.	Particulate matter (PM _{2.5}),µg/m3	IS: 5182 (P-24)	60 Max	38.47


Saurabh Sharma
05-09-2022
Reviewer


05-09-2022
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2208301011 Sample Reg. Date :30-08-2022 Report Date :05-09-2022 Report No. :ICE-2209050134 NABL ULR No. :TC592622000012491F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

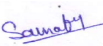
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	100 Max. (8 hourly)	23.55
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	2 Max. (8 hourly)	1.2
h.	Ammonia(NH ₃),µg/m ³	IS:5182(P-25)	400 Max	28.38
i.	Benzene (C ₆ H ₆),µg/m ³	IS: 5182 (P-11)	5 Max	BLQ(LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS: 5182 (P-12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	STP/ITC/EW/002	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
05-09-2022
Reviewer


05-09-2022
PremKumar
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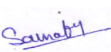
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2208301013 Sample Reg. Date :30-08-2022 Report Date :05-09-2022 Report No. :ICE-2209050136 NABL ULR No. :TC592622000012493F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Village-Khanpur
Date of Monitoring	: 25-08-2022
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	: 1823.74
Avg. Ambient Temperature,°C	: 34

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(SO ₂),µg/m ³	IS:5182(P-2)	80 Max	13.27
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS:5182(P-6)	80 Max	17.44
c.	Particulate Matter (PM ₁₀),µg/m ³	IS:5182(P-23)	100 Max	103.52
d.	Particulate matter (PM _{2.5}),µg/m ³	IS: 5182 (P-24)	60 Max	54.18


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05-09-2022
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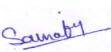
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	100 Max. (8 hourly)	23.68
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	2 Max. (8 hourly)	1.1
h.	Ammonia(NH ₃),µg/m ³	IS:5182(P-25)	400 Max	28.12
i.	Benzene (C ₆ H ₆),µg/m ³	IS: 5182 (P-11)	5 Max	BLQ(LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS: 5182 (P-12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	STP/ITC/EW/002	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
05-09-2022
Reviewer


05-09-2022
PremKumar
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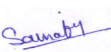
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2208301014 Sample Reg. Date :30-08-2022 Report Date :05-09-2022 Report No. :ICE-2209050132 NABL ULR No. :TC592622000012494F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Shakti Vihar
Date of Monitoring	: 25-08-2022
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	: 1810.13
Avg. Ambient Temperature,°C	: 34

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(SO ₂),µg/m ³	IS:5182(P-2)	80 Max	8.40
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS:5182(P-6)	80 Max	15.27
c.	Particulate Matter (PM ₁₀),µg/m ³	IS:5182(P-23)	100 Max	94.32
d.	Particulate matter (PM _{2.5}),µg/m ³	IS: 5182 (P-24)	60 Max	42.10


Saurabh Sharma
05-09-2022
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05-09-2022
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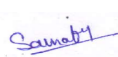
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	100 Max. (8 hourly)	21.45
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	2 Max. (8 hourly)	1.2
h.	Ammonia(NH ₃),µg/m ³	IS:5182(P-25)	400 Max	25.29
i.	Benzene (C ₆ H ₆),µg/m ³	IS: 5182 (P-11)	5 Max	BLQ(LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS: 5182 (P-12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	STP/ITC/EW/002	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
05-09-2022
Reviewer


05-09-2022
PremKumar
[Authorized Signatory]

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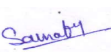
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Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2209020073 Sample Reg. Date :02-09-2022 Report Date :09-09-2022 Report No. :ICE-2209090354 NABL ULR No. :TC592622000012620F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Gate No.3
Date of Monitoring	: 29-08-2022
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	: 1810.13
Avg. Ambient Temperature,°C	: 34

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(SO ₂),µg/m ³	IS:5182(P-2)	80 Max	7.89
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS:5182(P-6)	80 Max	8.25
c.	Particulate Matter (PM ₁₀),µg/m ³	IS:5182(P-23)	100 Max	89.65
d.	Particulate matter (PM _{2.5}),µg/m ³	IS: 5182 (P-24)	60 Max	42.65


Saurabh Sharma
09-09-2022
Reviewer


09-09-2022
PremKumar
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2209020073 Sample Reg. Date :02-09-2022 Report Date :09-09-2022 Report No. :ICE-2209090354 NABL ULR No. :TC592622000012620F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

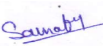
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	100 Max. (8 hourly)	21.65
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	2 Max. (8 hourly)	1.1
h.	Ammonia(NH ₃),µg/m ³	IS:5182(P-25)	400 Max	25.64
i.	Benzene (C ₆ H ₆),µg/m ³	IS: 5182 (P-11)	5 Max	BLQ(LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS: 5182 (P-12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	STP/ITC/EW/002	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
09-09-2022
Reviewer


09-09-2022
PremKumar
[Authorized Signatory]

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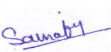
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2209020072 Sample Reg. Date :02-09-2022 Report Date :09-09-2022 Report No. :ICE-2209090346 NABL ULR No. :TC592622000012619F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Block C-3
Date of Monitoring	: 29-08-2022
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	: 1796.52
Avg. Ambient Temperature,°C	: 34

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(SO ₂),µg/m ³	IS:5182(P-2)	80 Max	6.11
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS:5182(P-6)	80 Max	8.25
c.	Particulate Matter (PM ₁₀),µg/m ³	IS:5182(P-23)	100 Max	78.65
d.	Particulate matter (PM _{2.5}),µg/m ³	IS: 5182 (P-24)	60 Max	29.36


Saurabh Sharma
09-09-2022
Reviewer


09-09-2022
PremKumar
[Authorized Signatory]

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Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2209020072 Sample Reg. Date :02-09-2022 Report Date :09-09-2022 Report No. :ICE-2209090346 NABL ULR No. :TC592622000012619F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

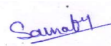
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	100 Max. (8 hourly)	21.32
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	2 Max. (8 hourly)	1.1
h.	Ammonia(NH ₃),µg/m ³	IS:5182(P-25)	400 Max	24.25
i.	Benzene (C ₆ H ₆),µg/m ³	IS: 5182 (P-11)	5 Max	BLQ(LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS: 5182 (P-12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	STP/ITC/EW/002	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
09-09-2022
Reviewer


09-09-2022
PremKumar
[Authorized Signatory]

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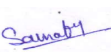
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2209020074 Sample Reg. Date :02-09-2022 Report Date :09-09-2022 Report No. :ICE-2209090350 NABL ULR No. :TC592622000012621F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Village-Khanpur
Date of Monitoring	: 29-08-2022
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	: 1829.70
Avg. Ambient Temperature,°C	: 33

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(SO ₂),µg/m ³	IS:5182(P-2)	80 Max	7.75
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS:5182(P-6)	80 Max	15.25
c.	Particulate Matter (PM ₁₀),µg/m ³	IS:5182(P-23)	100 Max	101.35
d.	Particulate matter (PM _{2.5}),µg/m ³	IS: 5182 (P-24)	60 Max	45.58


Saurabh Sharma
09-09-2022
Reviewer


09-09-2022
PremKumar
[Authorized Signatory]

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Test Report

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Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2209020074 Sample Reg. Date :02-09-2022 Report Date :09-09-2022 Report No. :ICE-2209090350 NABL ULR No. :TC592622000012621F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

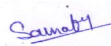
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	100 Max. (8 hourly)	22.25
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	2 Max. (8 hourly)	1.1
h.	Ammonia(NH ₃),µg/m ³	IS:5182(P-25)	400 Max	28.45
i.	Benzene (C ₆ H ₆),µg/m ³	IS: 5182 (P-11)	5 Max	BLQ(LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS: 5182 (P-12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	STP/ITC/EW/002	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
09-09-2022
Reviewer


09-09-2022
PremKumar
[Authorized Signatory]

Disclaimer :

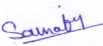
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2209020075 Sample Reg. Date :02-09-2022 Report Date :09-09-2022 Report No. :ICE-2209090351 NABL ULR No. :TC592622000012622F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Shakti Vihar
Date of Monitoring	: 29-08-2022
Time of Monitoring	: 11:50 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.32
Volume of air sampled,m3	: 1796.52
Avg. Ambient Temperature,°C	: 34

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/m ³	IS:5182(P-2)	80 Max	6.25
b.	Nitrogen Dioxide(NO2),µg/m3	IS:5182(P-6)	80 Max	9.64
c.	Particulate Matter (PM ₁₀),µg/m3	IS:5182(P-23)	100 Max	85.25
d.	Particulate matter (PM _{2.5}),µg/m3	IS: 5182 (P-24)	60 Max	32.55


Saurabh Sharma
09-09-2022
Reviewer


09-09-2022
PremKumar
[Authorized Signatory]

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Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2209020075 Sample Reg. Date :02-09-2022 Report Date :09-09-2022 Report No. :ICE-2209090351 NABL ULR No. :TC592622000012622F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

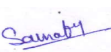
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	100 Max. (8 hourly)	21.25
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	2 Max. (8 hourly)	BLQ(LOQ:1.0)
h.	Ammonia(NH ₃),µg/m ³	IS:5182(P-25)	400 Max	25.36
i.	Benzene (C ₆ H ₆),µg/m ³	IS: 5182 (P-11)	5 Max	BLQ(LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS: 5182 (P-12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	STP/ITC/EW/002	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
09-09-2022
Reviewer


09-09-2022
PremKumar
[Authorized Signatory]

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Document QF : 2501
Page 1 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2208060193 Sample Reg. Date :06-08-2022 Report Date :10-08-2022 Report No. :ICE-2208100494 NABL ULR No. :TC592622000011489F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020
Test Report as per :	: EPA Act 1986/PCLS/2010
Sampling Information :	
Date of Monitoring	: 05-08-2022
Time of Monitoring	: 11:50 to 12:13 hrs
Name of the emission source monitored	: Stack Emission of Boiler
(a) Rated Capacity	: 660 MW
(b) Capacity on sampling day	: 650 MW
(c) Type of fuel used & its consumption	: Coal & 423 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
Observations :	

Saurabh Sharma
Saurabh Sharma
10-08-2022
Reviewer

PremKumar
10-08-2022
PremKumar
[Authorized Signatory]

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Test Report

Document QF : 2501
Page 2 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2208060193 Sample Reg. Date :06-08-2022 Report Date :10-08-2022 Report No. :ICE-2208100494 NABL ULR No. :TC592622000011489F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

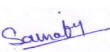
Flue Gas Temperature, °C,Avg.	: 60
Flue Gas Velocity(m/s),Avg.	: 25.32
Volumetric Flow Rate(Nm ³ /hr.)	: 3009663.25
Ambient Air Temperature, °C	: 29

S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	General Parameters			
a.	Particulate Matter, mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-1)	Max. 50	24.20
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-2)	Max. 200	160.78
c.	Oxides of Nitrogen (NO _x), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-7)	Max. 450	165.03
d.	Mercury(As Hg),mg/Nm ³	STP/ITC/EW/002	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 05.08.2022, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A


Saurabh Sharma
10-08-2022
Reviewer


10-08-2022
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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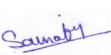
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Test Report

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Page 3 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2208060193 Sample Reg. Date :06-08-2022 Report Date :10-08-2022 Report No. :ICE-2208100494 NABL ULR No. :TC592622000011489F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

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


Saurabh Sharma
10-08-2022
Reviewer


10-08-2022
PremKumar
[Authorized Signatory]

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Page 1 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2208060194 Sample Reg. Date :06-08-2022 Report Date :10-08-2022 Report No. :ICE-2208100495 NABL ULR No. :TC592622000011490F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020
Test Report as per :	: EPA Act 1986/PCLS/2010
Sampling Information :	
Date of Monitoring	: 05-08-2022
Time of Monitoring	: 12:20 to 12:45 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 & 420 ton/hrs
(d) Normal operating schedule	: 24 hrs
2. Stack Identification	: Stack attached to Boiler Unit-2 (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
Observations :	

Saurabh Sharma
10-08-2022
Reviewer

10-08-2022
PremKumar
[Authorized Signatory]

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Test Report

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2208060194 Sample Reg. Date :06-08-2022 Report Date :10-08-2022 Report No. :ICE-2208100495 NABL ULR No. :TC592622000011490F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

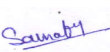
Flue Gas Temperature, °C,Avg.	: 56
Flue Gas Velocity(m/s),Avg.	: 23.28
Volumetric Flow Rate(Nm ³ /hr.)	: 2800822.04
Ambient Air Temperature, °C	: 29

S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	General Parameters			
a.	Particulate Matter, mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-1)	Max. 50	27.11
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-2)	Max. 200	179.25
c.	Oxides of Nitrogen (NO _x), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-7)	Max. 450	309.50
d.	Mercury(As Hg),mg/Nm ³	STP/ITC/EW/002	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 05.08.2022, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A


Saurabh Sharma
10-08-2022
Reviewer


10-08-2022
PremKumar
[Authorized Signatory]

Disclaimer :

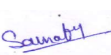
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Test Report

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2208060194 Sample Reg. Date :06-08-2022 Report Date :10-08-2022 Report No. :ICE-2208100495 NABL ULR No. :TC592622000011490F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

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


Saurabh Sharma
10-08-2022
Reviewer


10-08-2022
PremKumar
[Authorized Signatory]

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Test Report

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2208130425 Sample Reg. Date :13-08-2022 Report Date :17-08-2022 Report No. :ICE-2208170668 NABL ULR No. :TC592622000011742F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: EPA Act 1986/PCLS/2010
Sampling Information :	
Date of Monitoring	: 12-08-2022
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 & 276 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)	: 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 :	

Saurabh Sharma
Saurabh Sharma
17-08-2022
Reviewer

PremKumar
17-08-2022
PremKumar
[Authorized Signatory]

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Document QF : 2501
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2208130425 Sample Reg. Date :13-08-2022 Report Date :17-08-2022 Report No. :ICE-2208170668 NABL ULR No. :TC592622000011742F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

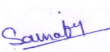
Flue Gas Temperature, °C,Avg.	: 60
Flue Gas Velocity(m/s),Avg.	: 24.76
Volumetric Flow Rate(Nm ³ /hr.)	: 2947135.99
Ambient Air Temperature, °C	: 30

S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	General Parameters			
a.	Particulate Matter, mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-1)	Max. 50	29.43
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-2)	Max. 200	146.72
c.	Oxides of Nitrogen (NO _x), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-7)	Max. 450	237.96
d.	Mercury(As Hg),mg/Nm ³	STP/ITC/EW/002	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 : 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 12.08.2022, Sampling Procedure - SOP/ITC/EW/056,

REMARKS :N/A


 Saurabh Sharma
 17-08-2022
 Reviewer


 17-08-2022
 PremKumar
 [Authorized Signatory]

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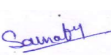
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Test Report

Document QF : 2501
Page 3 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2208130425 Sample Reg. Date :13-08-2022 Report Date :17-08-2022 Report No. :ICE-2208170668 NABL ULR No. :TC592622000011742F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

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


Saurabh Sharma
17-08-2022
Reviewer


17-08-2022
PremKumar
[Authorized Signatory]

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Document QF : 2501
Page 1 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2208130427 Sample Reg. Date :13-08-2022 Report Date :17-08-2022 Report No. :ICE-2208170667 NABL ULR No. :TC592622000011743F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: EPA Act 1986/PCLS/2010
Sampling Information :	
Date of Monitoring	: 12-08-2022
Time of Monitoring	: 10:00 to 10:26 hrs
Name of the emission source monitored	: Stack Emission of Boiler
(a) Rated Capacity	: 660 MW
(b) Capacity on sampling day	: 420 MW
(c) Type of fuel used & its consumption	: Coal & 270 ton/hrs
(d) Normal operating schedule	: 24 hrs
2. Stack Identification	: Stack attached to Boiler Unit-2 (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
Observations :	

Saurabh Sharma
Saurabh Sharma
17-08-2022
Reviewer

PremKumar
17-08-2022
PremKumar
[Authorized Signatory]

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Document QF : 2501
Page 2 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2208130427 Sample Reg. Date :13-08-2022 Report Date :17-08-2022 Report No. :ICE-2208170667 NABL ULR No. :TC592622000011743F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

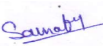
Flue Gas Temperature, °C,Avg.	: 56
Flue Gas Velocity(m/s),Avg.	: 22.57
Volumetric Flow Rate(Nm ³ /hr.)	: 2719126.61
Ambient Air Temperature, °C	: 28

S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	General Parameters			
a.	Particulate Matter, mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-1)	Max. 50	26.19
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-2)	Max. 200	143.12
c.	Oxides of Nitrogen (NO _x), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-7)	Max. 450	218.34
d.	Mercury(As Hg),mg/Nm ³	STP/ITC/EW/002	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	6.0

'#' 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 12.08.2022, Sampling Procedure - SOP/ITC/EW/056, Purpose- For Self Monitoring

REMARKS :N/A


Saurabh Sharma
17-08-2022
Reviewer


17-08-2022
PremKumar
[Authorized Signatory]

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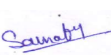
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Test Report

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2208130427 Sample Reg. Date :13-08-2022 Report Date :17-08-2022 Report No. :ICE-2208170667 NABL ULR No. :TC592622000011743F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

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


Saurabh Sharma
17-08-2022
Reviewer


17-08-2022
PremKumar
[Authorized Signatory]

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Page 1 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2208200651 Sample Reg. Date :20-08-2022 Report Date :24-08-2022 Report No. :ICE-2208240826 NABL ULR No. :TC592622000011890F Customer Ref. No. :Letter Letter Dated :29-10-2020

Test Report as per :	: EPA Act 1986/PCLS/2010
Sampling Information :	
Date of Monitoring	: 19-08-2022
Time of Monitoring	: 10:39 to 11:04 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 & 255 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)	: 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
Observations :	

Saurabh Sharma
Saurabh Sharma
24-08-2022
Reviewer

PremKumar
24-08-2022
PremKumar
[Authorized Signatory]

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Test Report

Document QF : 2501
Page 2 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2208200651 Sample Reg. Date :20-08-2022 Report Date :24-08-2022 Report No. :ICE-2208240826 NABL ULR No. :TC592622000011890F Customer Ref. No. :Letter Letter Dated :29-10-2020

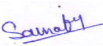
Flue Gas Temperature, °C,Avg.	: 58
Flue Gas Velocity(m/s),Avg.	: 23.17
Volumetric Flow Rate(Nm ³ /hr.)	: 2774545.23
Ambient Air Temperature, °C	: 32

S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	General Parameters			
a.	Particulate Matter, mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-1)	Max. 50	23.44
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-2)	Max. 200	171.38
c.	Oxides of Nitrogen (NO _x), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-7)	Max. 450	230.34
d.	Mercury(As Hg),mg/Nm ³	STP/ITC/EW/002	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 : 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 dated 19.08.2022, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A


Saurabh Sharma
24-08-2022
Reviewer


24-08-2022
PremKumar
[Authorized Signatory]

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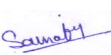
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Test Report

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Page 3 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2208200651 Sample Reg. Date :20-08-2022 Report Date :24-08-2022 Report No. :ICE-2208240826 NABL ULR No. :TC592622000011890F Customer Ref. No. :Letter Letter Dated :29-10-2020

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


Saurabh Sharma
24-08-2022
Reviewer


24-08-2022
PremKumar
[Authorized Signatory]

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Test Report

Document QF : 2501
Page 1 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2208200650 Sample Reg. Date :20-08-2022 Report Date :24-08-2022 Report No. :ICE-2208240825 NABL ULR No. :TC592622000011891F Customer Ref. No. :Letter Letter Dated :29-10-2020
Test Report as per :	: EPA Act 1986/PCLS/2010
Sampling Information :	
Date of Monitoring	: 19-08-2022
Time of Monitoring	: 10:00 to 10:26 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 & 248 ton/hrs
(d) Normal operating schedule	: 24 hrs
2. Stack Identification	: Stack attached to Boiler Unit-2 (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
Observations :	

Saurabh Sharma
24-08-2022
Reviewer

24-08-2022
PremKumar
[Authorized Signatory]

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Document QF : 2501
Page 2 of 3

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Flue Gas Temperature, °C,Avg.	: 56
Flue Gas Velocity(m/s),Avg.	: 22.60
Volumetric Flow Rate(Nm ³ /hr.)	: 2722740.87
Ambient Air Temperature, °C	: 31

S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	General Parameters			
a.	Particulate Matter, mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-1)	Max. 50	25.65
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-2)	Max. 200	165.86
c.	Oxides of Nitrogen (NO _x), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-7)	Max. 450	282.93
d.	Mercury(As Hg),mg/Nm ³	STP/ITC/EW/002	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, Requirement as per EPA Act 1986/PCLS/2010. Sample collected by lab rep. on dated 19.08.2022, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A


Saurabh Sharma
24-08-2022
Reviewer


24-08-2022
PremKumar
[Authorized Signatory]

Disclaimer :

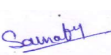
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*****End Of Report*****


Saurabh Sharma
24-08-2022
Reviewer


24-08-2022
PremKumar
[Authorized Signatory]

Disclaimer :

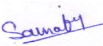
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Test Report

Document QF : 2501
Page 1 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2208290992 Sample Reg. Date :29-08-2022 Report Date :31-08-2022 Report No. :ICE-2208311179 NABL ULR No. :TC592622000012239F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: EPA Act 1986/PCLS/2010
Sampling Information :	
Date of Monitoring	: 27-08-2022
Time of Monitoring	: 10:00 to 10:24 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 & 408 ton/hrs
(d) Normal operating schedule	: 24 hrs
2. Stack Identification	: Stack attached to Boiler Unit-2 (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 :	


Saurabh Sharma
31-08-2022
Reviewer


31-08-2022
PremKumar
[Authorized Signatory]

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Test Report

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2208290992 Sample Reg. Date :29-08-2022 Report Date :31-08-2022 Report No. :ICE-2208311179 NABL ULR No. :TC592622000012239F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

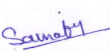
Flue Gas Temperature, °C,Avg.	: 57
Flue Gas Velocity(m/s),Avg.	: 24.72
Volumetric Flow Rate(Nm ³ /hr.)	: 1357784.74
Ambient Air Temperature, °C	: 32

S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	General Parameters			
a.	Particulate Matter, mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-1)	Max. 50	28.71
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-2)	Max. 200	155.02
c.	Oxides of Nitrogen (NO _x), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-7)	Max. 450	214.86
d.	Mercury(As Hg),mg/Nm ³	STP/ITC/EW/002	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 27.08.2022, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A


Saurabh Sharma
31-08-2022
Reviewer


31-08-2022
PremKumar
[Authorized Signatory]

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

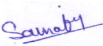
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*****End Of Report*****


Saurabh Sharma
31-08-2022
Reviewer


31-08-2022
PremKumar
[Authorized Signatory]

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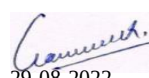
Page 1 of 5

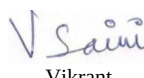
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2208230724 Sample Reg. Date :23-08-2022 Report Date :29-08-2022 Report No. :ICE-2208291057 NABL ULR No. :TC592622000012123F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

Test Report as per IS: BIS Specification IS:10500-2012	With Amendment No.(s): 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
k)	Batch Size/Location #	NA
l)	Mode of Packing	Packed in bottles
m)	Date of Receipt	23-08-2022
n)	Date of Start	23-08-2022
o)	Date of Completion	26-08-2022
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 19.08.2022, Sample from Up Stream


29-08-2022
Gaurav Khandelwal
[Authorized Signatory]


Vikrant
29-08-2022
Reviewer


29-08-2022
PremKumar
[Authorized Signatory]

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Document QF : 2501

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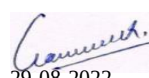
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2208230724 Sample Reg. Date :23-08-2022 Report Date :29-08-2022 Report No. :ICE-2208291057 NABL ULR No. :TC592622000012123F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

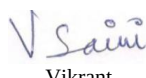
s)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
t)	Manufactured By [#]	NA
u)	Supplied By [#]	NA

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		Liquid with suspended particles			
S.No.	Parameters	Method	Acceptable Limit	Permissible Limit	Result
	Discipline : Chemical				
	Group : Water				
1.	Organoleptic &Physical Parameter				
a.	Colour (Hazen)	IS: 3025 (P-4)-2021	5 Max.	15 Max.	5
b.	Taste	IS:3025(Part 8):1984(RA:2017)	Agreeable	-	*
c.	Odour	IS: 3025 (P-5)-2018	Agreeable	-	Agreeable
d.	Turbidity (NTU)	IS:3025(Part 10):1984(RA:2017)	1 Max.	5 Max.	9.21
e.	pH Value	IS: 3025 (Part-11): 2022	6.5-8.5	No relaxation	7.26


29-08-2022
Gaurav Khandelwal
[Authorized Signatory]


Vikrant
29-08-2022
Reviewer


29-08-2022
PremKumar
[Authorized Signatory]

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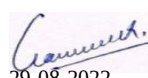
Test Report

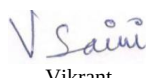
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2208230724 Sample Reg. Date :23-08-2022 Report Date :29-08-2022 Report No. :ICE-2208291057 NABL ULR No. :TC592622000012123F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

f.	Total Dissolved Solids,(mg/L)	IS: 3025 (P-16)-1984 (RA 2017)	500 Max.	2000 Max.	4717
2.	Parameters Concerning Undesirable Substances in excess amount				
a.	Aluminium as Al, (mg/L)	IS: 3025 (P-55)-2003 (RA 2019)	0.03 Max.	0.2 Max.	BLQ(LOQ:0.02)
b.	Ammonia (as total ammonia-N) (mg/L)	IS: 3025 (Part 34)-1988 (RA 2019)	0.5 Max.	No Relaxation	0.17
c.	Anionic detergent(as MBAS),(mg/L)	IS:13428:2005(RA 2018)-Annex K	0.2 Max.	1.0 Max.	BLQ(LOQ:0.05)
d.	Barium(as Ba)(mg/L)	IS:13428:2005(RA 2018)-Annex F	0.7 Max.	No relaxation	BLQ(LOQ:0.3)
e.	Boron (as B) (mg/l)	IS: 3025 (Part 57)-2005 (RA 2017)	0.5 Max.	2.4 Max.	BLQ(LOQ:0.5)
f.	Calcium(as Ca),(mg/L)	IS: 3025 (Part 40)-1991 (RA 2019)	75 Max.	200 Max.	115.9
g.	Chloramines (as Cl ₂),(mg/L)	IS: 3025 (P-26): 2021	4.0 Max.	No relaxation	BLQ(LOQ:0.03)
h.	Chloride(as Cl)(mg/L)	IS: 3025 (P-32)-1988 (RA2019)	250 Max.	1000 Max.	1800.3
i.	Copper (as Cu)(mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.05 Max.	1.5 Max.	BLQ(LOQ:0.002)
j.	Fluoride as F(mg/L)	IS: 3025 (P-60)-2008 (RA 2019)	1.0 Max.	1.5 Max.	0.8
k.	Phenolic compounds (as C ₆ H ₅ OH), (mg/L)	IS: 3025 (P-43/Sec-1)-2022	0.001 Max.	0.002 Max.	BLQ(LOQ:0.001)
l.	Free Residual Chlorine, (mg/L)	IS: 3025 (P-26): 2021	0.2 Min.	1.0 Max.	Not Applicable
m.	Iron (as Fe)(mg/L)	IS: 3025 (P-53)-2003 (RA 2019)	1.0 Max.	No relaxation	BLQ(LOQ:0.08)
n.	Magnesium as Mg (mg/L)	IS: 3025 (Part 46)-1994 (RA 2019)	30 Max.	100 Max.	121.5


 29-08-2022
 Gaurav Khandelwal
 [Authorized Signatory]


 Vikrant
 29-08-2022
 Reviewer


 29-08-2022
 PremKumar
 [Authorized Signatory]

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2208230724 Sample Reg. Date :23-08-2022 Report Date :29-08-2022 Report No. :ICE-2208291057 NABL ULR No. :TC592622000012123F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

o.	Manganese as Mn, (mg/L)	IS: 3025 (Part 59)-2006 (RA 2017)	0.1 Max.	0.3 Max.	BLQ(LOQ:0.1)
p.	Mineral Oil, (mg/L)	IS: 3025 (Part 39)-2021	1.0 Max.	No Relaxation	BLQ(LOQ : 1.0)
q.	Nitrate as NO ₃ (mg/L)	APHA 23rd Edition 2017, 4500 NO ₃	45 Max.	No Relaxation	41.7
r.	Selenium (as Se) (mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.01 Max.	No Relaxation	BLQ(LOQ:0.002)
s.	Silver (as Ag) (mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.1 Max.	No Relaxation	BLQ(LOQ:0.002)
t.	Sulphate(as SO ₄)(mg/L)	IS: 3025 (P-24/Sec-1)-2022	200 Max.	400 Max.	1367.5
u.	Sulphide as H ₂ S, (mg/L)	IS: 3025 (Part 29)-1986 (RA 2019)	0.05 Max.	No Relaxation	BLQ(LOQ:0.05)
v.	Total Alkalinity(as CaCO ₃)(mg/L)	IS: 3025 (Part 23)-1986 (RA 2019)	200 Max.	600 Max.	392.5
w.	Total Hardness(as CaCO ₃)(mg/L)	IS: 3025 (Part 21)-2009 (RA 2019)	200 Max.	600 Max.	789.6
x.	Zinc(as Zn)(mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	5 Max.	15 Max.	0.034
3. Parameters Concerning Toxic Substances					
a.	Cadmium(as Cd)(mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.003 Max.	No Relaxation	BLQ(LOQ:0.002)
b.	Cyanide(asCN)(mg/L)	IS: 3025 (P-27/Sec-1)-2021	0.05 Max.	No Relaxation	BLQ(LOQ:0.01)
c.	Lead(as Pb)(mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.01 Max.	No Relaxation	BLQ(LOQ:0.002)
d.	Mercury(as Hg)(mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.001 Max.	No Relaxation	BLQ(LOQ:0.001)
e.	Molybdenum(as Mo)(mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.07 Max.	No Relaxation	0.002

Gaurav
29-08-2022

Gaurav Khandelwal
[Authorized Signatory]

V. Saini

Vikrant
29-08-2022
Reviewer

Prem
29-08-2022

PremKumar
[Authorized Signatory]

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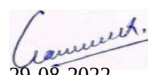
f.	Nickel(as Ni) (mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.02 Max.	No Relaxation	BLQ(LOQ:0.002)
g.	Total Arsenic(as As)(mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.01 Max.	No relaxation	BLQ(LOQ:0.002)
h.	Total Chromium(as Cr)(mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.05 Max.	No Relaxation	0.002
Discipline : Biological					
Group : Water					
1. Microbiological Tests					
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

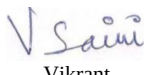
'#' represents Customer Defined Fields

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. Sample Consumed in testing

REMARKS :N/A

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


29-08-2022
Gaurav Khandelwal
[Authorized Signatory]


Vikrant
29-08-2022
Reviewer


29-08-2022
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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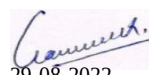
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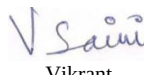
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2208230723 Sample Reg. Date :23-08-2022 Report Date :29-08-2022 Report No. :ICE-2208291056 NABL ULR No. :TC592622000012122F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

Test Report as per IS: BIS Specification IS:10500-2012	With Amendment No.(s): 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
k)	Batch Size/Location #	NA
l)	Mode of Packing	Packed in bottles
m)	Date of Receipt	23-08-2022
n)	Date of Start	23-08-2022
o)	Date of Completion	26-08-2022
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 19.08.2022, Sample from Down Stream


 29-08-2022
 Gaurav Khandelwal
 [Authorized Signatory]


 Vikrant
 29-08-2022
 Reviewer


 29-08-2022
 PremKumar
 [Authorized Signatory]

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Test Report

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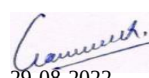
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2208230723 Sample Reg. Date :23-08-2022 Report Date :29-08-2022 Report No. :ICE-2208291056 NABL ULR No. :TC592622000012122F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

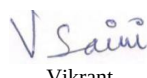
s)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
t)	Manufactured By [#]	NA
u)	Supplied By [#]	NA

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		Liquid with suspended particles			
S.No.	Parameters	Method	Acceptable Limit	Permissible Limit	Result
Discipline : Chemical					
Group : Water					
1. Organoleptic & Physical Parameter					
a.	Colour (Hazen)	IS: 3025 (P-4)-2021	5 Max.	15 Max.	5
b.	Taste	IS:3025(Part 8):1984(RA:2017)	Agreeable	-	*
c.	Odour	IS: 3025 (P-5)-2018	Agreeable	-	Agreeable
d.	Turbidity (NTU)	IS:3025(Part 10):1984(RA:2017)	1 Max.	5 Max.	8.68
e.	pH Value	IS: 3025 (Part-11): 2022	6.5-8.5	No relaxation	6.24


29-08-2022
Gaurav Khandelwal
[Authorized Signatory]


Vikrant
29-08-2022
Reviewer


29-08-2022
PremKumar
[Authorized Signatory]

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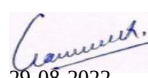
Test Report

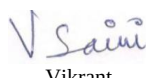
Document QF : 2501

Page 3 of 5

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2208230723 Sample Reg. Date :23-08-2022 Report Date :29-08-2022 Report No. :ICE-2208291056 NABL ULR No. :TC592622000012122F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

f.	Total Dissolved Solids,(mg/L)	IS: 3025 (P-16)-1984 (RA 2017)	500 Max.	2000 Max.	4589
2.	Parameters Concerning Undesirable Substances in excess amount				
a.	Aluminium as Al, (mg/L)	IS: 3025 (P-55)-2003 (RA 2019)	0.03 Max.	0.2 Max.	BLQ(LOQ:0.02)
b.	Ammonia (as total ammonia-N) (mg/L)	IS: 3025 (Part 34)-1988 (RA 2019)	0.5 Max.	No Relaxation	0.23
c.	Anionic detergent(as MBAS),(mg/L)	IS:13428:2005(RA 2018)-Annex K	0.2 Max.	1.0 Max.	BLQ(LOQ:0.05)
d.	Barium(as Ba)(mg/L)	IS:13428:2005(RA 2018)-Annex F	0.7 Max.	No relaxation	BLQ(LOQ:0.3)
e.	Boron (as B) (mg/l)	IS: 3025 (Part 57)-2005 (RA 2017)	0.5 Max.	2.4 Max.	BLQ(LOQ:0.5)
f.	Calcium(as Ca),(mg/L)	IS: 3025 (Part 40)-1991 (RA 2019)	75 Max.	200 Max.	128
g.	Chloramines (as Cl ₂),(mg/L)	IS: 3025 (P-26): 2021	4.0 Max.	No relaxation	BLQ(LOQ:0.03)
h.	Chloride(as Cl)(mg/L)	IS: 3025 (P-32)-1988 (RA2019)	250 Max.	1000 Max.	1663.3
i.	Copper (as Cu)(mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.05 Max.	1.5 Max.	BLQ(LOQ:0.002)
j.	Fluoride as F(mg/L)	IS: 3025 (P-60)-2008 (RA 2019)	1.0 Max.	1.5 Max.	0.8
k.	Phenolic compounds (as C ₆ H ₅ OH), (mg/L)	IS: 3025 (P-43/Sec-1)-2022	0.001 Max.	0.002 Max.	BLQ(LOQ:0.001)
l.	Free Residual Chlorine, (mg/L)	IS: 3025 (P-26): 2021	0.2 Min.	1.0 Max.	Not Applicable
m.	Iron (as Fe)(mg/L)	IS: 3025 (P-53)-2003 (RA 2019)	1.0 Max.	No relaxation	BLQ(LOQ:0.08)
n.	Magnesium as Mg (mg/L)	IS: 3025 (Part 46)-1994 (RA 2019)	30 Max.	100 Max.	116.9


 29-08-2022
 Gaurav Khandelwal
 [Authorized Signatory]


 Vikrant
 29-08-2022
 Reviewer


 29-08-2022
 PremKumar
 [Authorized Signatory]

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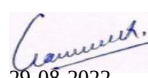
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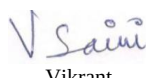
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2208230723 Sample Reg. Date :23-08-2022 Report Date :29-08-2022 Report No. :ICE-2208291056 NABL ULR No. :TC592622000012122F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

o.	Manganese as Mn, (mg/L)	IS: 3025 (Part 59)-2006 (RA 2017)	0.1 Max.	0.3 Max.	BLQ(LOQ:0.1)
p.	Mineral Oil, (mg/L)	IS: 3025 (Part 39)-2021	1.0 Max.	No Relaxation	BLQ(LOQ : 1.0)
q.	Nitrate as NO ₃ (mg/L)	APHA 23rd Edition 2017, 4500 NO3	45 Max.	No Relaxation	51.9
r.	Selenium (as Se) (mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.01 Max.	No Relaxation	BLQ(LOQ:0.002)
s.	Silver (as Ag) (mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.1 Max.	No Relaxation	BLQ(LOQ:0.002)
t.	Sulphate(as SO ₄)(mg/L)	IS: 3025 (P-24/Sec-1)-2022	200 Max.	400 Max.	1577.6
u.	Sulphide as H ₂ S, (mg/L)	IS: 3025 (Part 29)-1986 (RA 2019)	0.05 Max.	No Relaxation	BLQ(LOQ:0.05)
v.	Total Alkalinity(as CaCO ₃)(mg/L)	IS: 3025 (Part 23)-1986 (RA 2019)	200 Max.	600 Max.	379.8
w.	Total Hardness(as CaCO ₃)(mg/L)	IS: 3025 (Part 21)-2009 (RA 2019)	200 Max.	600 Max.	800.9
x.	Zinc(as Zn)(mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	5 Max.	15 Max.	0.040
3. Parameters Concerning Toxic Substances					
a.	Cadmium(as Cd)(mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.003 Max.	No Relaxation	BLQ(LOQ:0.002)
b.	Cyanide(asCN)(mg/L)	IS: 3025 (P-27/Sec-1)-2021	0.05 Max.	No Relaxation	BLQ(LOQ:0.01)
c.	Lead(as Pb)(mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.01 Max.	No Relaxation	BLQ(LOQ:0.002)
d.	Mercury(as Hg)(mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.001 Max.	No Relaxation	BLQ(LOQ:0.001)
e.	Molybdenum(as Mo)(mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.07 Max.	No Relaxation	0.002


 29-08-2022
 Gaurav Khandelwal
 [Authorized Signatory]


 Vikrant
 29-08-2022
 Reviewer


 29-08-2022
 PremKumar
 [Authorized Signatory]

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2208230723 Sample Reg. Date :23-08-2022 Report Date :29-08-2022 Report No. :ICE-2208291056 NABL ULR No. :TC592622000012122F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

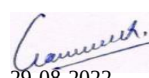
f.	Nickel(as Ni) (mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.02 Max.	No Relaxation	BLQ(LOQ:0.002)
g.	Total Arsenic(as As)(mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.01 Max.	No relaxation	BLQ(LOQ:0.002)
h.	Total Chromium(as Cr)(mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.05 Max.	No Relaxation	BLQ(LOQ:0.002)
Discipline : Biological					
Group : Water					
1. Microbiological Tests					
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

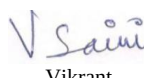
'#' represents Customer Defined Fields

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. Sample Consumed in testing

REMARKS : N/A

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


29-08-2022
Gaurav Khandelwal
[Authorized Signatory]


Vikrant
29-08-2022
Reviewer


29-08-2022
PremKumar
[Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.
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Panchkula-134109 (Haryana)
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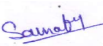
Page 1 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2208230708 Sample Reg. Date :23-08-2022 Report Date :27-08-2022 Report No. :ICE-2208271026 NABL ULR No. :TC592622000012088F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

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

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	23-08-2022
n)	Date of Start	23-08-2022
o)	Date of Completion	27-08-2022
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample collected by lab rep. on 19.08.2022


Saurabh Sharma
27-08-2022
Reviewer


28-08-2022
PremKumar
[Authorized Signatory]

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2208230708 Sample Reg. Date :23-08-2022 Report Date :27-08-2022 Report No. :ICE-2208271026 NABL ULR No. :TC592622000012088F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

s)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
t)	Manufactured By [#]	NA
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
Discipline : Chemical				
Group : Pollution & Environment				
1. General Parameters				
a.	Colour	IS: 3025 (P-4)-2021		Light Greyish
b.	Odour.	IS: 3025 (P-5)-2018		None
c.	pH Value	IS: 3025 (Part 11): 2017		8.21
d.	Total Suspended Solids,(mg/L)	IS 3025 (Part 17): 2017		51
e.	Total Dissolved Solids (mg/L)	IS 3025 (Part 16) : 2017	-	481
f.	Chemical Oxygen Demand(mg/L)	IS 3025 (Part 58) : 2017		137
g.	Bio-chemical Oxygen Demand, mg/L (3 days at 27°C)	IS 3025 (Part 44) : 2019		48
h.	Oil & Grease(mg/L)	IS 3025 (Part 39) : 2021		<4.0

Saurabh Sharma
27-08-2022
Reviewer

28-08-2022
PremKumar
[Authorized Signatory]

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2208230708 Sample Reg. Date :23-08-2022 Report Date :27-08-2022 Report No. :ICE-2208271026 NABL ULR No. :TC592622000012088F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

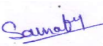
i.	Zinc(As Zn)(mg/L)	IS:3025 (Part-2): 2019	0.11
j.	Arsenic(as As)(mg/L)	IS:3025 (Part-2): 2019	BLQ(LOQ:0.05)
k.	Total Chromium as Cr (mg/L)	IS:3025 (Part-2): 2019	BLQ(LOQ:0.05)
l.	Cyanide as CN,(mg/L)	IS 3025 (Part 27): 2019	Absent
m.	Iron(as Fe)(mg/L)	IS:3025 (Part-2): 2019	BLQ(LOQ:0.05)
n.	Temperature(°C)	IS 3025 (Part 9): 2017	24
o.	Free Residual Chlorine (mg/L)	IS: 3025 (P-26): 2021	BLQ(LOQ: 0.5)
p.	Phosphate as P (mg/L)	APHA 23rd Edition 4500 - P D: 2017	0.010

'#' 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
 27-08-2022
 Reviewer


 28-08-2022
 PremKumar
 [Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.
 86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)
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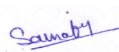
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2208230710 Sample Reg. Date :23-08-2022 Report Date :01-09-2022 Report No. :ICE-2209010020 NABL ULR No. :TC592622000012311F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

Test Report as per IS: EPA Act 1986/PCLS/2010	With Amendment No.(s):

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	23-08-2022
n)	Date of Start	23-08-2022
o)	Date of Completion	01-09-2022
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample collected by lab rep. on 19.08.2022


 Saurabh Sharma
 01-09-2022
 Reviewer


 01-09-2022
 PremKumar
 [Authorized Signatory]

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2208230710 Sample Reg. Date :23-08-2022 Report Date :01-09-2022 Report No. :ICE-2209010020 NABL ULR No. :TC592622000012311F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

s)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
t)	Manufactured By [#]	NA
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
Discipline : Chemical				
Group : Pollution & Environment				
1. General Parameters				
a.	Colour	IS: 3025 (P-4)-2021	Not Specified	Colourless
b.	Odour.	IS: 3025 (P-5)-2018	Not Specified	None
c.	pH Value	IS: 3025 (Part 11): 2017	5.5-9	7.58
d.	Total Suspended Solids,(mg/L)	IS 3025 (Part 17): 2017	Max. 100	18
e.	Total Dissolved Solids (mg/L)	IS 3025 (Part 16) : 2017	Max. 2100	384
f.	Chemical Oxygen Demand(mg/L)	IS 3025 (Part 58) : 2017	Max. 250	83
g.	Bio-chemical Oxygen Demand, mg/L (3 days at 27°C)	IS 3025 (Part 44) : 2019	Max. 30	18
h.	Oil & Grease(mg/L)	IS 3025 (Part 39) : 2021	Max. 10	<4.0

Saurabh
Saurabh Sharma
01-09-2022
Reviewer

PremKumar
01-09-2022
PremKumar
[Authorized Signatory]

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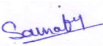
i.	Zinc(As Zn)(mg/L)	IS:3025 (Part-2): 2019	Max. 5.0	0.06
j.	Arsenic(as As)(mg/L)	IS:3025 (Part-2): 2019	Max. 0.2	BLQ(LOQ:0.05)
k.	Total Chromium as Cr (mg/L)	IS:3025 (Part-2): 2019	Max. 2.0	BLQ(LOQ:0.05)
l.	Cyanide as CN,(mg/L)	IS 3025 (Part 27): 2019	Max. 0.2	Absent
m.	Iron(as Fe)(mg/L)	IS:3025 (Part-2): 2019	Max. 3.0	BLQ(LOQ:0.05)
n.	Bio Assay Test	IS: 6582 (Part-1): 2019	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 (Part 9): 2017		25
p.	Free Residual Chlorine (mg/L)	IS 3025 (Part 26) : 2021	Max. 1.0	BLQ(LOQ:1.0)
q.	Phosphate as P (mg/L)	APHA 23rd Edition 4500 - P D: 2017	Max. 5.0	0.014

'#' 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
 01-09-2022
 Reviewer


 01-09-2022
 PremKumar
 [Authorized Signatory]

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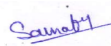
Page 1 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2208230712 Sample Reg. Date :23-08-2022 Report Date :27-08-2022 Report No. :ICE-2208271027 NABL ULR No. :TC592622000012087F Customer Ref. No.: Order No.5030010814 Letter Dated :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	23-08-2022
n)	Date of Start	23-08-2022
o)	Date of Completion	27-08-2022
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample collected by lab rep. on 19.08.2022


 Saurabh Sharma
 27-08-2022
 Reviewer


 28-08-2022
 PremKumar
 [Authorized Signatory]

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Test Report

Document QF : 2501

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2208230712 Sample Reg. Date :23-08-2022 Report Date :27-08-2022 Report No. :ICE-2208271027 NABL ULR No. :TC592622000012087F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

s) Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
t) Manufactured By [#]	NA
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
Discipline : Chemical				
Group : Pollution & Environment				
1. General Parameters				
a.	Colour	IS: 3025 (P-4)-2021		Light Yellowish
b.	Odour.	IS: 3025 (P-5)-2018		None
c.	pH Value	IS: 3025 (Part 11): 2017		7.14
d.	Total Suspended Solids,(mg/L)	IS 3025 (Part 17): 2017		58
e.	Total Dissolved Solids (mg/L)	IS 3025 (Part 16) : 2017	-	427
f.	Chemical Oxygen Demand(mg/L)	IS 3025 (Part 58) : 2017		125
g.	Bio-chemical Oxygen Demand, mg/L (3 days at 27°C)	IS 3025 (Part 44) : 2019		38
h.	Oil & Grease(mg/L)	IS 3025 (Part 39) : 2021		<4.0

Saurabh
Saurabh Sharma
27-08-2022
Reviewer

PremKumar
28-08-2022
PremKumar
[Authorized Signatory]

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Document QF : 2501

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2208230712 Sample Reg. Date :23-08-2022 Report Date :27-08-2022 Report No. :ICE-2208271027 NABL ULR No. :TC592622000012087F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

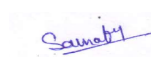
i.	Free Residual Chlorine (mg/L)	IS: 3025 (P-26): 2021		BLQ(LOQ: 1.0)

'#' 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
27-08-2022
Reviewer


28-08-2022
PremKumar
[Authorized Signatory]

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Test Report

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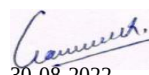
Page 1 of 3

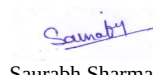
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2208230713 Sample Reg. Date :23-08-2022 Report Date :30-08-2022 Report No. :ICE-2208301088 NABL ULR No. :TC592622000012152F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

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 #	1 Ltr
k)	Batch Size/Location #	NA
l)	Mode of Packing	Packed in bottle
m)	Date of Receipt	23-08-2022
n)	Date of Start	23-08-2022
o)	Date of Completion	29-08-2022
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample collected by lab rep. on 19.08.2022


 30-08-2022
 Gaurav Khandelwal
 [Authorized Signatory]


 Saurabh Sharma
 30-08-2022
 Reviewer


 30-08-2022
 PremKumar
 [Authorized Signatory]

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Test Report

Document QF : 2501

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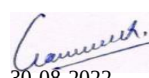
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2208230713 Sample Reg. Date :23-08-2022 Report Date :30-08-2022 Report No. :ICE-2208301088 NABL ULR No. :TC592622000012152F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

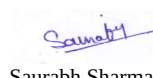
s)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
t)	Manufactured By [#]	NA
u)	Supplied By [#]	NA

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
Discipline : Chemical				
Group : Pollution & Environment				
1.	General Parameters			
a.	Nitrate as NO ₃ (mg/L)	IS 3025 (Part 34) : 2019		BLQ(LOQ: 1.0)
b.	Calcium(as Ca)(mg/L)	IS 3025 (Part 40): 2019	-	78
c.	Magnesium as Mg(mg/L)	IS: 3025 Part 46): 2019	-	26
d.	Sodium(as Na)(mg/L)	IS 3025(Part 45): 2019	-	64
e.	Potassium as K,(mg/L)	APHA 23rd Edition-3500K B: 2017		8.2
f.	Phosphate as PO ₄ (mg/L)	APHA 23rd Edition 4500 - P D: 2017		BLQ(LOQ: 0.3)
Discipline : Biological				


30-08-2022
Gaurav Khandelwal
[Authorized Signatory]


Saurabh Sharma
30-08-2022
Reviewer


30-08-2022
PremKumar
[Authorized Signatory]

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2208230713 Sample Reg. Date :23-08-2022 Report Date :30-08-2022 Report No. :ICE-2208301088 NABL ULR No. :TC592622000012152F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

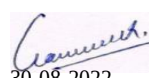
Group : Pollution & Environment
1. Microbiological Tests
a. Faecal Coliforms, (MPN/100mL) APHA-23 rd Edn 17-9221 F 9.3 x 10 ⁴
b. E.coli, (MPN/100mL) APHA-23 rd Edn 17-9221 F 6.9 x 10 ⁴
c. Total Coliform (MPN/100ml) APHA-23 rd Edn 17-9221 F 1.4 x 10 ⁵

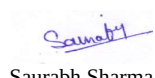
'#' represents Customer Defined Fields

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*****


 30-08-2022
 Gaurav Khandelwal
 [Authorized Signatory]


 Saurabh Sharma
 30-08-2022
 Reviewer


 30-08-2022
 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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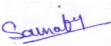
Page 1 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2208230714 Sample Reg. Date :23-08-2022 Report Date :27-08-2022 Report No. :ICE-2208271028 NABL ULR No. :TC592622000012086F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

Test Report as per IS: EPA Act 1986/PCLS/2010	With Amendment No.(s):

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	23-08-2022
n)	Date of Start	23-08-2022
o)	Date of Completion	27-08-2022
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample collected by lab rep. on 19.08.2022


Saurabh Sharma
27-08-2022
Reviewer


28-08-2022
PremKumar
[Authorized Signatory]

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Test Report

Document QF : 2501

Page 2 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2208230714 Sample Reg. Date :23-08-2022 Report Date :27-08-2022 Report No. :ICE-2208271028 NABL ULR No. :TC592622000012086F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

s)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
t)	Manufactured By [#]	NA
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
Discipline : Chemical				
Group : Pollution & Environment				
1. General Parameters				
a.	Colour	IS 3025 (Part 4) : 2021	Not Specified	Colourless
b.	Odour.	IS 3025 (Part 5) : 2018	Not Specified	None
c.	pH Value	IS: 3025 (Part 11): 2017	6.5-9	7.36
d.	Total Suspended Solids,(mg/L)	IS 3025 (Part 17): 2017	Max. 100	9
e.	Total Dissolved Solids (mg/L)	IS 3025 (Part 16) : 2017	Not Specified	400
f.	Chemical Oxygen Demand(mg/L)	IS 3025 (Part 58) : 2017	Not Specified	62
g.	Bio-chemical Oxygen Demand, mg/L (3 days at 27°C)	IS 3025 (Part 44) : 2019	Max. 30	15
h.	Oil & Grease(mg/L)	IS 3025 (Part 39) : 2021	Max. 10	<4.0

Saurabh
Saurabh Sharma
27-08-2022
Reviewer

PremKumar
28-08-2022
PremKumar
[Authorized Signatory]

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Document QF : 2501

Page 3 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2208230714 Sample Reg. Date :23-08-2022 Report Date :27-08-2022 Report No. :ICE-2208271028 NABL ULR No. :TC592622000012086F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

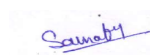
i.	Free Residual Chlorine (mg/L)	IS: 3025 (Part 26)-2021	Max. 1.0	BLQ(LOQ: 1.0)

'#' 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
 27-08-2022
 Reviewer


 28-08-2022
 PremKumar
 [Authorized Signatory]

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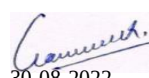
Page 1 of 3

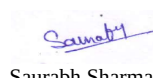
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2208230715 Sample Reg. Date :23-08-2022 Report Date :30-08-2022 Report No. :ICE-2208301152 NABL ULR No. :TC592622000012218F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

Test Report as per IS: EPA Act 1986/PCLS/2010	With Amendment No.(s):

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	23-08-2022
n)	Date of Start	23-08-2022
o)	Date of Completion	30-08-2022
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample collected by lab rep. on 19.08.2022


 30-08-2022
 Gaurav Khandelwal
 [Authorized Signatory]


 Saurabh Sharma
 30-08-2022
 Reviewer


 30-08-2022
 PremKumar
 [Authorized Signatory]

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Test Report

Document QF : 2501

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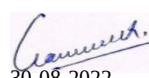
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2208230715 Sample Reg. Date :23-08-2022 Report Date :30-08-2022 Report No. :ICE-2208301152 NABL ULR No. :TC592622000012218F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

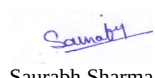
s)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
t)	Manufactured By [#]	NA
u)	Supplied By [#]	NA

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
Discipline : Chemical				
Group : Pollution & Environment				
1. General Parameters				
a.	Nitrate as NO ₃ (mg/L)	IS 3025 (Part 34) : 2019	Max. 10	BLQ(LOQ :1.0)
b.	Calcium(as Ca)(mg/L)	IS 3025 (Part 40): 2019	Not Specified	85
c.	Magnesium as Mg(mg/L)	IS: 3025 Part 46): 2019	Not Specified	20
d.	Sodium(as Na)(mg/L)	IS 3025(Part 45): 2019	Not Specified	51.8
e.	Potassium as K,(mg/L)	APHA 23rd Edition-3500K B: 2017	Not Specified	10.2
f.	Phosphate(as PO ₄), mg/L	APHA 23rd Edition 4500 - P D: 2017	Max. 5.0	BLQ(LOQ :0.3)
Discipline : Biological				


30-08-2022
Gaurav Khandelwal
[Authorized Signatory]


Saurabh Sharma
30-08-2022
Reviewer


30-08-2022
PremKumar
[Authorized Signatory]

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Test Report

Document QF : 2501

Page 3 of 3

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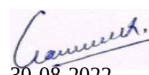
	Group : Pollution & Environment			
1.	Microbiological Tests			
a.	Faecal Coliform, MPN/100ml	APHA-23 rd Edn 17-9221 F	Max. 1000	280
b.	E.coli, (MPN/100mL)	APHA 23rd Edn 17-9221 E	Not Specified	170
c.	Total Coliform (MPN/100ml)	APHA-23 rd Edn 17-9221 F	Not Specified	540

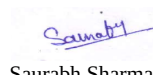
'#' represents Customer Defined Fields

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

REMARKS : N/A

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


 30-08-2022
 Gaurav Khandelwal
 [Authorized Signatory]


 Saurabh Sharma
 30-08-2022
 Reviewer


 30-08-2022
 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

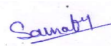
Page 1 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2208230716 Sample Reg. Date :23-08-2022 Report Date :27-08-2022 Report No. :ICE-2208271029 NABL ULR No. :TC592622000012085F Customer Ref. No.: Order No.5030010814 Letter Dated :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 (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	23-08-2022
n)	Date of Start	23-08-2022
o)	Date of Completion	27-08-2022
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample collected by lab rep. on 19.08.2022


 Saurabh Sharma
 27-08-2022
 Reviewer


 28-08-2022
 PremKumar
 [Authorized Signatory]

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Test Report

Document QF : 2501

Page 2 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2208230716 Sample Reg. Date :23-08-2022 Report Date :27-08-2022 Report No. :ICE-2208271029 NABL ULR No. :TC592622000012085F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

s)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
t)	Manufactured By [#]	NA
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
Discipline : Chemical				
Group : Pollution & Environment				
1. General Parameters				
a.	Colour	IS: 3025 (P-4)-2021		Yellowish
b.	Odour.	IS: 3025 (P-5)-2018		Mild
c.	pH Value	IS: 3025 (Part 11): 2017		7.11
d.	Total Suspended Solids,(mg/L)	IS 3025 (Part 17): 2017		106
e.	Total Dissolved Solids (mg/L)	IS 3025 (Part 16) : 2017	-	550
f.	Chemical Oxygen Demand(mg/L)	IS 3025 (Part 58) : 2017		112
g.	Bio-chemical Oxygen Demand, mg/L (3 days at 27°C)	IS 3025 (Part 44) : 2019		38
h.	Oil & Grease(mg/L)	IS 3025 (Part 39) : 2021		4.6

Saurabh Sharma
27-08-2022
Reviewer

28-08-2022
PremKumar
[Authorized Signatory]

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Test Report

Document QF : 2501

Page 3 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2208230716 Sample Reg. Date :23-08-2022 Report Date :27-08-2022 Report No. :ICE-2208271029 NABL ULR No. :TC592622000012085F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

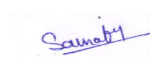
i.	Free Residual Chlorine (mg/L)	IS: 3025 (P-26): 2021		BLQ(LOQ: 1.0)

'#' 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
27-08-2022
Reviewer


28-08-2022
PremKumar
[Authorized Signatory]

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Test Report

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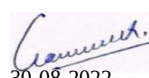
Page 1 of 3

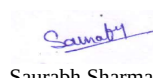
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2208230717 Sample Reg. Date :23-08-2022 Report Date :30-08-2022 Report No. :ICE-2208301089 NABL ULR No. :TC592622000012153F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

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

PART A : PARTICULARS OF SAMPLE SUBMITTED

a)	Nature of Sample #	STP Inlet Water (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	23-08-2022
n)	Date of Start	23-08-2022
o)	Date of Completion	29-08-2022
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample collected by lab rep. on 19.08.2022


30-08-2022
Gaurav Khandelwal
[Authorized Signatory]


Saurabh Sharma
30-08-2022
Reviewer


30-08-2022
PremKumar
[Authorized Signatory]

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Test Report

Document QF : 2501

Page 2 of 3

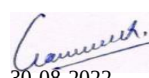
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2208230717 Sample Reg. Date :23-08-2022 Report Date :30-08-2022 Report No. :ICE-2208301089 NABL ULR No. :TC592622000012153F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

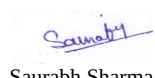
s)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
t)	Manufactured By [#]	NA
u)	Supplied By [#]	NA

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
Discipline : Chemical				
Group : Pollution & Environment				
1. General Parameters				
a.	Nitrate as NO ₃ (mg/L)	IS 3025 (Part 34) : 2019		BLQ(LOQ: 1.0)
b.	Calcium(as Ca)(mg/L)	IS 3025 (Part 40): 2019	-	119
c.	Magnesium as Mg(mg/L)	IS: 3025 Part 46): 2019	-	25
d.	Sodium(as Na)(mg/L)	IS 3025(Part 45): 2019	-	51
e.	Potassium as K,(mg/L)	APHA 23rd Edition-3500K B: 2017		10
f.	Phosphate as PO ₄ (mg/L)	APHA 23rd Edition 4500 - P D: 2017		BLQ(LOQ: 0.3)
Discipline : Biological				


30-08-2022
Gaurav Khandelwal
[Authorized Signatory]


Saurabh Sharma
30-08-2022
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30-08-2022
PremKumar
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Page 3 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2208230717 Sample Reg. Date :23-08-2022 Report Date :30-08-2022 Report No. :ICE-2208301089 NABL ULR No. :TC592622000012153F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

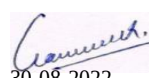
Group : Pollution & Environment
1. Microbiological Tests
a. Faecal Coliforms, (MPN/100mL)
b. <i>E.coli</i> , (MPN/100mL)
c. Total Coliform (MPN/100ml)

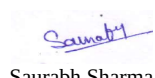
'#' represents Customer Defined Fields

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*****


30-08-2022
Gaurav Khandelwal
[Authorized Signatory]


Saurabh Sharma
30-08-2022
Reviewer


30-08-2022
PremKumar
[Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.
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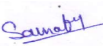
Page 1 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2208230718 Sample Reg. Date :23-08-2022 Report Date :27-08-2022 Report No. :ICE-2208271030 NABL ULR No. :TC592622000012084F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

Test Report as per IS: EPA Act 1986/PCLS/2010	With Amendment No.(s):

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	23-08-2022
n)	Date of Start	23-08-2022
o)	Date of Completion	27-08-2022
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample collected by lab rep. on 19.08.2022


Saurabh Sharma
27-08-2022
Reviewer


28-08-2022
PremKumar
[Authorized Signatory]

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Test Report

Document QF : 2501

Page 2 of 3

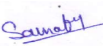
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2208230718 Sample Reg. Date :23-08-2022 Report Date :27-08-2022 Report No. :ICE-2208271030 NABL ULR No. :TC592622000012084F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

s)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
t)	Manufactured By [#]	NA
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
Discipline : Chemical				
Group : Pollution & Environment				
1. General Parameters				
a.	Colour	IS 3025 (Part 4) : 2021	Not Specified	Colourless
b.	Odour.	IS 3025 (Part 5) : 2018	Not Specified	None
c.	pH Value	IS: 3025 (Part 11): 2017	6.5-9	7.00
d.	Total Suspended Solids,(mg/L)	IS 3025 (Part 17): 2017	Max. 100	28
e.	Total Dissolved Solids (mg/L)	IS 3025 (Part 16) : 2017	Not Specified	410
f.	Chemical Oxygen Demand(mg/L)	IS 3025 (Part 58) : 2017	Not Specified	42
g.	Bio-chemical Oxygen Demand, mg/L (3 days at 27°C)	IS 3025 (Part 44) : 2019	Max. 30	10
h.	Oil & Grease(mg/L)	IS 3025 (Part 39) : 2021	Max. 10	<4.0


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27-08-2022
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28-08-2022
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Test Report

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Page 3 of 3

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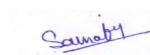
i.	Free Residual Chlorine (mg/L)	IS: 3025 (Part 26)-2021	Max. 1.0	BLQ(LOQ: 1.0)

'#' 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
27-08-2022
Reviewer


28-08-2022
PremKumar
[Authorized Signatory]

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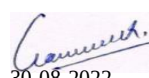
Page 1 of 3

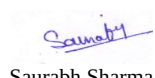
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2208230719 Sample Reg. Date :23-08-2022 Report Date :30-08-2022 Report No. :ICE-2208301147 NABL ULR No. :TC592622000012195F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

Test Report as per IS: EPA Act 1986/PCLS/2010	With Amendment No.(s):

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	23-08-2022
n)	Date of Start	23-08-2022
o)	Date of Completion	30-08-2022
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample collected by lab rep. on 19.08.2022


 30-08-2022
 Gaurav Khandelwal
 [Authorized Signatory]


 Saurabh Sharma
 30-08-2022
 Reviewer


 30-08-2022
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Test Report

Document QF : 2501

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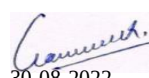
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2208230719 Sample Reg. Date :23-08-2022 Report Date :30-08-2022 Report No. :ICE-2208301147 NABL ULR No. :TC592622000012195F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

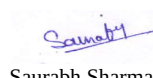
s)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
t)	Manufactured By [#]	NA
u)	Supplied By [#]	NA

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
Discipline : Chemical				
Group : Pollution & Environment				
1. General Parameters				
a.	Nitrate as NO ₃ (mg/L)	IS 3025 (Part 34) : 2019	Max. 10	BLQ(LOQ:1.0)
b.	Calcium(as Ca)(mg/L)	IS 3025 (Part 40): 2019	Not Specified	75.27
c.	Magnesium as Mg(mg/L)	IS: 3025 Part 46): 2019	Not Specified	8.18
d.	Sodium(as Na)(mg/L)	IS 3025(Part 45): 2019	Not Specified	46.4
e.	Potassium as K,(mg/L)	APHA 23rd Edition-3500K B: 2017	Not Specified	12.4
f.	Phosphate(as PO ₄), mg/L	APHA 23rd Edition 4500 - P D: 2017	Max. 5.0	BLQ(LOQ:0.1)
Discipline : Biological				


30-08-2022
Gaurav Khandelwal
[Authorized Signatory]


Saurabh Sharma
30-08-2022
Reviewer


30-08-2022
PremKumar
[Authorized Signatory]

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Test Report

Document QF : 2501

Page 3 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2208230719 Sample Reg. Date :23-08-2022 Report Date :30-08-2022 Report No. :ICE-2208301147 NABL ULR No. :TC592622000012195F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

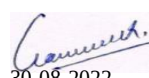
	Group : Pollution & Environment			
1.	Microbiological Tests			
a.	Faecal Coliform, MPN/100ml	APHA-23 rd Edn 17-9221 F	Max. 1000	<1.8
b.	E.coli, (MPN/100mL)	APHA 23rd Edn 17-9221 E	Not Specified	<1.8
c.	Total Coliform (MPN/100ml)	APHA-23 rd Edn 17-9221 F	Not Specified	170

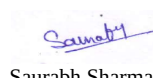
'#' represents Customer Defined Fields

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*****


 30-08-2022
 Gaurav Khandelwal
 [Authorized Signatory]


 Saurabh Sharma
 30-08-2022
 Reviewer


 30-08-2022
 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 :

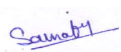
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. : E01-2208301004 Sample Reg. Date : 30-08-2022 Report Date : 01-09-2022 Report No. : ICE-2209010015 NABL ULR No. : TC592622000012314F Customer Ref. No. : Order No.5030010814 Letter Dated : 29.10.2020

Test Report as per :	: EPA Act 1986/PCLS/2010
Sampling Information :	
Name of Sample	: Ambient Noise
Date of Monitoring	: 27-08-2022
Time of Monitoring	: Day (14:10 hrs) & Night (22:30 hrs)
Nature of Industry	: Thermal Power Plant
Purpose of Monitoring	: For Self Monitoring

Description				
Description		Noise for 5 Locations		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Location Name			
a.	Near Gate No.1 (Day Time), Leq dB (A)	IS:9989(RA 2014)	Max. 75.0	56.7
b.	Near Gate No.1 (Night Time), Leq dB (A)	IS:9989(RA 2014)	Max. 70.0	51.5
c.	Near Gate No.2 (Day Time), Leq dB (A)	IS:9989(RA 2014)	Max. 75.0	54.3
d.	Near Gate No.2 (Night Time), Leq dB (A)	IS:9989(RA 2014)	Max. 70.0	50.5
e.	Near Gate No.3 (Day Time), Leq dB (A)	IS:9989(RA 2014)	Max. 75.0	52.9
f.	Near Gate No.3 (Night Time), Leq dB (A)	IS:9989(RA 2014)	Max. 70.0	49.3
g.	Near Guest House (Day Time), Leq dB (A)	IS:9989(RA 2014)	Max. 75.0	53.7
h.	Near Guest House (Night Time), Leq dB (A)	IS:9989(RA 2014)	Max. 70.0	50.0


Saurabh Sharma
01-09-2022
Reviewer


01-09-2022
PremKumar
[Authorized Signatory]

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Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2208301004 Sample Reg. Date :30-08-2022 Report Date :01-09-2022 Report No. :ICE-2209010015 NABL ULR No. :TC592622000012314F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

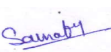
i.	Near D Block (Day Time), Leq dB (A)	IS:9989(RA 2014)	Max. 75.0	52.1
j.	Near D Block (Night Time), Leq dB (A)	IS:9989(RA 2014)	Max. 70.0	49.0

'#' 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
01-09-2022
Reviewer


01-09-2022
PremKumar
[Authorized Signatory]

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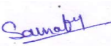
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2209060221 Sample Reg. Date :06-09-2022 Report Date :09-09-2022 Report No. :ICE-2209090349 NABL ULR No. :TC592622000012615F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Gate No.3
Date of Monitoring	: 01-09-2022
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	: 1804.25
Avg. Ambient Temperature,°C	: 35

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
1.	Ambient Air Quality Parameters(Time weighted Avg- 24 Hours)			
a.	Sulphur Dioxide(SO ₂),µg/m ³	IS: 5182 (P-2): 2017	80 Max	8.44
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS: 5182 (P-6): 2017	80 Max	12.45
c.	Particulate Matter (PM ₁₀),µg/m ³	IS: 5182 (P-23): 2017	100 Max	87.18
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW/001	60 Max	45.03
e.	Ammonia(NH ₃),µg/m ³	IS: 5182 (P-25): 2018	400 Max	29.62
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


Saurabh Sharma
09-09-2022
Reviewer


09-09-2022
PremKumar
[Authorized Signatory]

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Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2209060221 Sample Reg. Date :06-09-2022 Report Date :09-09-2022 Report No. :ICE-2209090349 NABL ULR No. :TC592622000012615F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

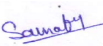
2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	22.35
b.	Carbon Monoxide(CO),mg/m ³	IS: 5182 (P-10): 2019	2 Max.	1.4
3.	Ambient Air Quality Parameters(Time weighted Avg- Annual*)			
a.	Benzene(C ₆ H ₆),µg/m ³	IS: 5182 (P-11): 2017	5 Max	BLQ(LOQ:1.0)
b.	Benzo(a) Pyrene Particulate Phase only,ng/m ³	IS: 5182 (P-12): 2019	1 Max	BLQ(LOQ:0.5)
c.	Arsenic(as As),ng/m ³	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
d.	Nickel(As Ni),ng/m ³	STP/ITC/EW/002	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 :*Annual arithmetic mean of minimum 104 measurements in a year at a particular site taken twice a week 24 hourly at uniform intervals

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


Saurabh Sharma
09-09-2022
Reviewer


09-09-2022
PremKumar
[Authorized Signatory]

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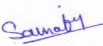
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2209060220 Sample Reg. Date :06-09-2022 Report Date :09-09-2022 Report No. :ICE-2209090347 NABL ULR No. :TC592622000012614F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Block C-6
Date of Monitoring	: 01-09-2022
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	: 1829.70
Avg. Ambient Temperature,°C	: 33

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
1.	Ambient Air Quality Parameters(Time weighted Avg- 24 Hours)			
a.	Sulphur Dioxide(SO ₂),µg/m ³	IS: 5182 (P-2): 2017	80 Max	7.18
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS: 5182 (P-6): 2017	80 Max	13.56
c.	Particulate Matter (PM ₁₀),µg/m ³	IS: 5182 (P-23): 2017	100 Max	90.18
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW/001	60 Max	42.09
e.	Ammonia(NH ₃),µg/m ³	IS: 5182 (P-25): 2018	400 Max	27.56
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


Saurabh Sharma
09-09-2022
Reviewer


09-09-2022
PremKumar
[Authorized Signatory]

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Test Report

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Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2209060220 Sample Reg. Date :06-09-2022 Report Date :09-09-2022 Report No. :ICE-2209090347 NABL ULR No. :TC592622000012614F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

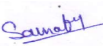
2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	21.33
b.	Carbon Monoxide(CO),mg/m ³	IS: 5182 (P-10): 2019	2 Max.	1.2
3.	Ambient Air Quality Parameters(Time weighted Avg- Annual*)			
a.	Benzene(C ₆ H ₆),µg/m ³	IS: 5182 (P-11): 2017	5 Max	BLQ(LOQ:1.0)
b.	Benzo(a) Pyrene Particulate Phase only,ng/m ³	IS: 5182 (P-12): 2019	1 Max	BLQ(LOQ:0.5)
c.	Arsenic(as As),ng/m ³	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
d.	Nickel(As Ni),ng/m ³	STP/ITC/EW/002	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 :*Annual arithmetic mean of minimum 104 measurements in a year at a particular site taken twice a week 24 hourly at uniform intervals

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


Saurabh Sharma
09-09-2022
Reviewer


09-09-2022
PremKumar
[Authorized Signatory]

Disclaimer :

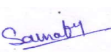
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2209060222 Sample Reg. Date :06-09-2022 Report Date :09-09-2022 Report No. :ICE-2209090348 NABL ULR No. :TC592622000012616F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Village-Khanpur
Date of Monitoring	: 01-09-2022
Time of Monitoring	: 10:40 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.31
Volume of air sampled,m3	: 1771.37
Avg. Ambient Temperature,°C	: 36

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
1.	Ambient Air Quality Parameters(Time weighted Avg- 24 Hours)			
a.	Sulphur Dioxide(SO ₂),µg/m ³	IS: 5182 (P-2): 2017	80 Max	13.43
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS: 5182 (P-6): 2017	80 Max	18.11
c.	Particulate Matter (PM ₁₀),µg/m ³	IS: 5182 (P-23): 2017	100 Max	105.29
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW/001	60 Max	48.40
e.	Ammonia(NH ₃),µg/m ³	IS: 5182 (P-25): 2018	400 Max	32.34
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


Saurabh Sharma
09-09-2022
Reviewer


09-09-2022
PremKumar
[Authorized Signatory]

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Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2209060222 Sample Reg. Date :06-09-2022 Report Date :09-09-2022 Report No. :ICE-2209090348 NABL ULR No. :TC592622000012616F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

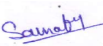
2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	24.09
b.	Carbon Monoxide(CO),mg/m ³	IS: 5182 (P-10): 2019	2 Max.	1.3
3.	Ambient Air Quality Parameters(Time weighted Avg- Annual*)			
a.	Benzene(C ₆ H ₆),µg/m ³	IS: 5182 (P-11): 2017	5 Max	BLQ(LOQ:1.0)
b.	Benzo(a) Pyrene Particulate Phase only,ng/m ³	IS: 5182 (P-12): 2019	1 Max	BLQ(LOQ:0.5)
c.	Arsenic(as As),ng/m ³	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
d.	Nickel(As Ni),ng/m ³	STP/ITC/EW/002	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 :*Annual arithmetic mean of minimum 104 measurements in a year at a particular site taken twice a week 24 hourly at uniform intervals

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


Saurabh Sharma
09-09-2022
Reviewer


09-09-2022
PremKumar
[Authorized Signatory]

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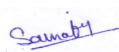
Test Report

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Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2209060223 Sample Reg. Date :06-09-2022 Report Date :09-09-2022 Report No. :ICE-2209090352 NABL ULR No. :TC592622000012617F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Shakti Vihar
Date of Monitoring	: 01-09-2022
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	: 1804.25
Avg. Ambient Temperature,°C	: 35

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
1.	Ambient Air Quality Parameters(Time weighted Avg- 24 Hours)			
a.	Sulphur Dioxide(SO ₂),µg/m ³	IS: 5182 (P-2): 2017	80 Max	9.03
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS: 5182 (P-6): 2017	80 Max	17.19
c.	Particulate Matter (PM ₁₀),µg/m ³	IS: 5182 (P-23): 2017	100 Max	92.39
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW/001	60 Max	46.72
e.	Ammonia(NH ₃),µg/m ³	IS: 5182 (P-25): 2018	400 Max	32.38
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


Saurabh Sharma
09-09-2022
Reviewer


09-09-2022
PremKumar
[Authorized Signatory]

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Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2209060223 Sample Reg. Date :06-09-2022 Report Date :09-09-2022 Report No. :ICE-2209090352 NABL ULR No. :TC592622000012617F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

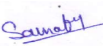
2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	23.04
b.	Carbon Monoxide(CO),mg/m ³	IS: 5182 (P-10): 2019	2 Max.	BLQ(LOQ:1.0)
3.	Ambient Air Quality Parameters(Time weighted Avg- Annual*)			
a.	Benzene(C ₆ H ₆),µg/m ³	IS: 5182 (P-11): 2017	5 Max	BLQ(LOQ:1.0)
b.	Benzo(a) Pyrene Particulate Phase only,ng/m ³	IS: 5182 (P-12): 2019	1 Max	BLQ(LOQ:0.5)
c.	Arsenic(as As),ng/m ³	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
d.	Nickel(As Ni),ng/m ³	STP/ITC/EW/002	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 :*Annual arithmetic mean of minimum 104 measurements in a year at a particular site taken twice a week 24 hourly at uniform intervals

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


Saurabh Sharma
09-09-2022
Reviewer


09-09-2022
PremKumar
[Authorized Signatory]

Disclaimer :

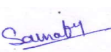
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. : E01-2209100378 Sample Reg. Date : 10-09-2022 Report Date : 14-09-2022 Report No. : ICE-2209140540 NABL ULR No. : TC592622000012921F Customer Ref. No. : Order No.5030010814 Letter Dated : 29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Gate No.3
Date of Monitoring	: 04-09-2022
Time of Monitoring	: 11:30 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.32
Volume of air sampled, m ³	: 1779.14
Avg. Ambient Temperature, °C	: 37

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
1.	Ambient Air Quality Parameters (Time weighted Avg- 24 Hours)			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS: 5182 (P-2): 2017	80 Max	10.07
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS: 5182 (P-6): 2017	80 Max	17.23
c.	Particulate Matter (PM ₁₀), µg/m ³	IS: 5182 (P-23): 2017	100 Max	92.46
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW/001	60 Max	42.09
e.	Ammonia(NH ₃), µg/m ³	IS: 5182 (P-25): 2018	400 Max	27.77
f.	Lead(As Pb), µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


Saurabh Sharma
14-09-2022
Reviewer


14-09-2022
PremKumar
[Authorized Signatory]

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Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2209100378 Sample Reg. Date :10-09-2022 Report Date :14-09-2022 Report No. :ICE-2209140540 NABL ULR No. :TC592622000012921F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	23.35
b.	Carbon Monoxide(CO),mg/m ³	IS: 5182 (P-10): 2019	2 Max.	1.3
3.	Ambient Air Quality Parameters(Time weighted Avg- Annual*)			
a.	Benzene(C ₆ H ₆),µg/m ³	IS: 5182 (P-11): 2017	5 Max	BLQ(LOQ:1.0)
b.	Benzo(a) Pyrene Particulate Phase only,ng/m ³	IS: 5182 (P-12): 2019	1 Max	BLQ(LOQ:0.5)
c.	Arsenic(as As),ng/m ³	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
d.	Nickel(As Ni),ng/m ³	STP/ITC/EW/002	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 :*Annual arithmetic mean of minimum 104 measurements in a year at a particular site taken twice a week 24 hourly at uniform intervals

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


Saurabh Sharma
14-09-2022
Reviewer


14-09-2022
PremKumar
[Authorized Signatory]

Disclaimer :

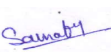
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2209100377 Sample Reg. Date :10-09-2022 Report Date :14-09-2022 Report No. :ICE-2209140534 NABL ULR No. :TC592622000012920F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Block C-3
Date of Monitoring	: 04-09-2022
Time of Monitoring	: 11:50 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.33
Volume of air sampled, m ³	: 1786.85
Avg. Ambient Temperature, °C	: 38

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
1.	Ambient Air Quality Parameters (Time weighted Avg- 24 Hours)			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS: 5182 (P-2): 2017	80 Max	8.11
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS: 5182 (P-6): 2017	80 Max	11.49
c.	Particulate Matter (PM ₁₀), µg/m ³	IS: 5182 (P-23): 2017	100 Max	88.70
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW/001	60 Max	35.35
e.	Ammonia(NH ₃), µg/m ³	IS: 5182 (P-25): 2018	400 Max	24.63
f.	Lead(As Pb), µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


Saurabh Sharma
14-09-2022
Reviewer


14-09-2022
PremKumar
[Authorized Signatory]

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Test Report

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Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2209100377 Sample Reg. Date :10-09-2022 Report Date :14-09-2022 Report No. :ICE-2209140534 NABL ULR No. :TC592622000012920F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

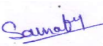
2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	21.27
b.	Carbon Monoxide(CO),mg/m ³	IS: 5182 (P-10): 2019	2 Max.	BLQ(LOQ:1.0)
3.	Ambient Air Quality Parameters(Time weighted Avg- Annual*)			
a.	Benzene(C ₆ H ₆),µg/m ³	IS: 5182 (P-11): 2017	5 Max	BLQ(LOQ:1.0)
b.	Benzo(a) Pyrene Particulate Phase only,ng/m ³	IS: 5182 (P-12): 2019	1 Max	BLQ(LOQ:0.5)
c.	Arsenic(as As),ng/m ³	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
d.	Nickel(As Ni),ng/m ³	STP/ITC/EW/002	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 : *Annual arithmetic mean of minimum 104 measurements in a year at a particular site taken twice a week 24 hourly at uniform intervals

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


Saurabh Sharma
14-09-2022
Reviewer


14-09-2022
PremKumar
[Authorized Signatory]

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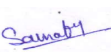
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2209100379 Sample Reg. Date :10-09-2022 Report Date :14-09-2022 Report No. :ICE-2209140543 NABL ULR No. :TC592622000012923F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Village-Khanpur
Date of Monitoring	: 04-09-2022
Time of Monitoring	: 11:00 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.35
Volume of air sampled,m3	: 1819.57
Avg. Ambient Temperature,°C	: 37

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
1.	Ambient Air Quality Parameters(Time weighted Avg- 24 Hours)			
a.	Sulphur Dioxide(SO ₂),µg/m ³	IS: 5182 (P-2): 2017	80 Max	10.33
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS: 5182 (P-6): 2017	80 Max	19.14
c.	Particulate Matter (PM ₁₀),µg/m ³	IS: 5182 (P-23): 2017	100 Max	108.49
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW/001	60 Max	52.61
e.	Ammonia(NH ₃),µg/m ³	IS: 5182 (P-25): 2018	400 Max	23.38
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


Saurabh Sharma
14-09-2022
Reviewer


14-09-2022
PremKumar
[Authorized Signatory]

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Test Report

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Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2209100379 Sample Reg. Date :10-09-2022 Report Date :14-09-2022 Report No. :ICE-2209140543 NABL ULR No. :TC592622000012923F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

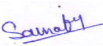
2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	21.11
b.	Carbon Monoxide(CO),mg/m ³	IS: 5182 (P-10): 2019	2 Max.	1.1
3.	Ambient Air Quality Parameters(Time weighted Avg- Annual*)			
a.	Benzene(C ₆ H ₆),µg/m ³	IS: 5182 (P-11): 2017	5 Max	BLQ(LOQ:1.0)
b.	Benzo(a) Pyrene Particulate Phase only,ng/m ³	IS: 5182 (P-12): 2019	1 Max	BLQ(LOQ:0.5)
c.	Arsenic(as As),ng/m ³	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
d.	Nickel(As Ni),ng/m ³	STP/ITC/EW/002	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 :*Annual arithmetic mean of minimum 104 measurements in a year at a particular site taken twice a week 24 hourly at uniform intervals

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


Saurabh Sharma
14-09-2022
Reviewer


14-09-2022
PremKumar
[Authorized Signatory]

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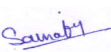
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2209100380 Sample Reg. Date :10-09-2022 Report Date :14-09-2022 Report No. :ICE-2209140547 NABL ULR No. :TC592622000012922F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Shakti Vihar
Date of Monitoring	: 04-09-2022
Time of Monitoring	: 12:10 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	: 1786.85
Avg. Ambient Temperature,°C	: 38

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
1.	Ambient Air Quality Parameters(Time weighted Avg- 24 Hours)			
a.	Sulphur Dioxide(SO2),µg/m3	IS: 5182 (P-2): 2017	80 Max	6.11
b.	Nitrogen Dioxide(NO2),µg/m ³	IS: 5182 (P-6): 2017	80 Max	9.46
c.	Particulate Matter (PM10),µg/m3	IS: 5182 (P-23): 2017	100 Max	82.27
d.	Particulate matter (PM 2.5),µg/m3	STP/ITC/EW/001	60 Max	33.67
e.	Ammonia(NH3),µg/m ³	IS: 5182 (P-25): 2018	400 Max	25.51
f.	Lead(As Pb),µg/m3	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


 Saurabh Sharma
 14-09-2022
 Reviewer


 14-09-2022
 PremKumar
 [Authorized Signatory]

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Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2209100380 Sample Reg. Date :10-09-2022 Report Date :14-09-2022 Report No. :ICE-2209140547 NABL ULR No. :TC592622000012922F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

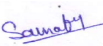
2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	22.72
b.	Carbon Monoxide(CO),mg/m ³	IS: 5182 (P-10): 2019	2 Max.	BLQ(LOQ:1.0)
3.	Ambient Air Quality Parameters(Time weighted Avg- Annual*)			
a.	Benzene(C ₆ H ₆),µg/m ³	IS: 5182 (P-11): 2017	5 Max	BLQ(LOQ:1.0)
b.	Benzo(a) Pyrene Particulate Phase only,ng/m ³	IS: 5182 (P-12): 2019	1 Max	BLQ(LOQ:0.5)
c.	Arsenic(as As),ng/m ³	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
d.	Nickel(As Ni),ng/m ³	STP/ITC/EW/002	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 :*Annual arithmetic mean of minimum 104 measurements in a year at a particular site taken twice a week 24 hourly at uniform intervals

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


Saurabh Sharma
14-09-2022
Reviewer


14-09-2022
PremKumar
[Authorized Signatory]

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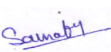
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Test Report

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Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Gate No.3
Date of Monitoring	: 08-09-2022
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	: 1790.69
Avg. Ambient Temperature,°C	: 35

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
1.	Ambient Air Quality Parameters(Time weighted Avg- 24 Hours)			
a.	Sulphur Dioxide(SO ₂),µg/m ³	IS: 5182 (P-2): 2017	80 Max	9.30
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS: 5182 (P-6): 2017	80 Max	17.47
c.	Particulate Matter (PM ₁₀),µg/m ³	IS: 5182 (P-23): 2017	100 Max	89.80
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW/001	60 Max	40.82
e.	Ammonia(NH ₃),µg/m ³	IS: 5182 (P-25): 2018	400 Max	27.45
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


Saurabh Sharma
14-09-2022
Reviewer


14-09-2022
PremKumar
[Authorized Signatory]

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Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2209100382 Sample Reg. Date :10-09-2022 Report Date :14-09-2022 Report No. :ICE-2209140542 NABL ULR No. :TC592622000012911F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

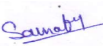
2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	21.56
b.	Carbon Monoxide(CO),mg/m ³	IS: 5182 (P-10): 2019	2 Max.	1.4
3.	Ambient Air Quality Parameters(Time weighted Avg- Annual*)			
a.	Benzene(C ₆ H ₆),µg/m ³	IS: 5182 (P-11): 2017	5 Max	BLQ(LOQ:1.0)
b.	Benzo(a) Pyrene Particulate Phase only,ng/m ³	IS: 5182 (P-12): 2019	1 Max	BLQ(LOQ:0.5)
c.	Arsenic(as As),ng/m ³	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
d.	Nickel(As Ni),ng/m ³	STP/ITC/EW/002	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 :*Annual arithmetic mean of minimum 104 measurements in a year at a particular site taken twice a week 24 hourly at uniform intervals

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


Saurabh Sharma
14-09-2022
Reviewer


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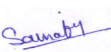
Test Report

Document QF : 2501
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2209100381 Sample Reg. Date :10-09-2022 Report Date :14-09-2022 Report No. :ICE-2209140541 NABL ULR No. :TC592622000012925F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Block C-6
Date of Monitoring	: 08-09-2022
Time of Monitoring	: 11:30 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.34
Volume of air sampled, m ³	: 1811.94
Avg. Ambient Temperature, °C	: 36

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
1.	Ambient Air Quality Parameters (Time weighted Avg- 24 Hours)			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS: 5182 (P-2): 2017	80 Max	7.42
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS: 5182 (P-6): 2017	80 Max	15.16
c.	Particulate Matter (PM ₁₀), µg/m ³	IS: 5182 (P-23): 2017	100 Max	88.86
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW/001	60 Max	42.51
e.	Ammonia(NH ₃), µg/m ³	IS: 5182 (P-25): 2018	400 Max	24.18
f.	Lead(As Pb), µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


Saurabh Sharma
14-09-2022
Reviewer


14-09-2022
PremKumar
[Authorized Signatory]

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Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2209100381 Sample Reg. Date :10-09-2022 Report Date :14-09-2022 Report No. :ICE-2209140541 NABL ULR No. :TC592622000012925F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

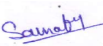
2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	22.74
b.	Carbon Monoxide(CO),mg/m ³	IS: 5182 (P-10): 2019	2 Max.	BLQ(LOQ:1.0)
3.	Ambient Air Quality Parameters(Time weighted Avg- Annual*)			
a.	Benzene(C ₆ H ₆),µg/m ³	IS: 5182 (P-11): 2017	5 Max	BLQ(LOQ:1.0)
b.	Benzo(a) Pyrene Particulate Phase only,ng/m ³	IS: 5182 (P-12): 2019	1 Max	BLQ(LOQ:0.5)
c.	Arsenic(as As),ng/m ³	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
d.	Nickel(As Ni),ng/m ³	STP/ITC/EW/002	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 :*Annual arithmetic mean of minimum 104 measurements in a year at a particular site taken twice a week 24 hourly at uniform intervals

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


Saurabh Sharma
14-09-2022
Reviewer


14-09-2022
PremKumar
[Authorized Signatory]

Disclaimer :

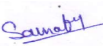
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2209100383 Sample Reg. Date :10-09-2022 Report Date :14-09-2022 Report No. :ICE-2209140535 NABL ULR No. :TC592622000012915F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Village-Khanpur
Date of Monitoring	: 08-09-2022
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	: 1804.25
Avg. Ambient Temperature,°C	: 35

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
1.	Ambient Air Quality Parameters(Time weighted Avg- 24 Hours)			
a.	Sulphur Dioxide(SO2),µg/m3	IS: 5182 (P-2): 2017	80 Max	9.30
b.	Nitrogen Dioxide(NO2),µg/m ³	IS: 5182 (P-6): 2017	80 Max	17.47
c.	Particulate Matter (PM10),µg/m3	IS: 5182 (P-23): 2017	100 Max	95.22
d.	Particulate matter (PM 2.5),µg/m3	STP/ITC/EW/001	60 Max	46.72
e.	Ammonia(NH3),µg/m ³	IS: 5182 (P-25): 2018	400 Max	23.19
f.	Lead(As Pb),µg/m3	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


Saurabh Sharma
14-09-2022
Reviewer


14-09-2022
PremKumar
[Authorized Signatory]

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Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2209100383 Sample Reg. Date :10-09-2022 Report Date :14-09-2022 Report No. :ICE-2209140535 NABL ULR No. :TC592622000012915F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

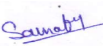
2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	28.75
b.	Carbon Monoxide(CO),mg/m ³	IS: 5182 (P-10): 2019	2 Max.	1.2
3.	Ambient Air Quality Parameters(Time weighted Avg- Annual*)			
a.	Benzene(C ₆ H ₆),µg/m ³	IS: 5182 (P-11): 2017	5 Max	BLQ(LOQ:1.0)
b.	Benzo(a) Pyrene Particulate Phase only,ng/m ³	IS: 5182 (P-12): 2019	1 Max	BLQ(LOQ:0.5)
c.	Arsenic(as As),ng/m ³	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
d.	Nickel(As Ni),ng/m ³	STP/ITC/EW/002	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 :*Annual arithmetic mean of minimum 104 measurements in a year at a particular site taken twice a week 24 hourly at uniform intervals

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


Saurabh Sharma
14-09-2022
Reviewer


14-09-2022
PremKumar
[Authorized Signatory]

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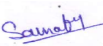
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2209100384 Sample Reg. Date :10-09-2022 Report Date :14-09-2022 Report No. :ICE-2209140536 NABL ULR No. :TC592622000012914F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Shakti Vihar
Date of Monitoring	: 08-09-2022
Time of Monitoring	: 11:50 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.34
Volume of air sampled,m3	: 1806.09
Avg. Ambient Temperature,°C	: 37

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
1.	Ambient Air Quality Parameters(Time weighted Avg- 24 Hours)			
a.	Sulphur Dioxide(SO ₂),µg/m ³	IS: 5182 (P-2): 2017	80 Max	6.35
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS: 5182 (P-6): 2017	80 Max	13.19
c.	Particulate Matter (PM ₁₀),µg/m ³	IS: 5182 (P-23): 2017	100 Max	82.66
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW/001	60 Max	35.77
e.	Ammonia(NH ₃),µg/m ³	IS: 5182 (P-25): 2018	400 Max	21.74
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


Saurabh Sharma
14-09-2022
Reviewer


14-09-2022
PremKumar
[Authorized Signatory]

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Test Report

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Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2209100384 Sample Reg. Date :10-09-2022 Report Date :14-09-2022 Report No. :ICE-2209140536 NABL ULR No. :TC592622000012914F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	24.85
b.	Carbon Monoxide(CO),mg/m ³	IS: 5182 (P-10): 2019	2 Max.	BLQ(LOQ:1.0)
3.	Ambient Air Quality Parameters(Time weighted Avg- Annual*)			
a.	Benzene(C ₆ H ₆),µg/m ³	IS: 5182 (P-11): 2017	5 Max	BLQ(LOQ:1.0)
b.	Benzo(a) Pyrene Particulate Phase only,ng/m ³	IS: 5182 (P-12): 2019	1 Max	BLQ(LOQ:0.5)
c.	Arsenic(as As),ng/m ³	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
d.	Nickel(As Ni),ng/m ³	STP/ITC/EW/002	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 :*Annual arithmetic mean of minimum 104 measurements in a year at a particular site taken twice a week 24 hourly at uniform intervals

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


Saurabh Sharma
14-09-2022
Reviewer


14-09-2022
PremKumar
[Authorized Signatory]

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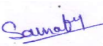
Test Report

Document QF : 2501
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. : E01-2209200712 Sample Reg. Date : 20-09-2022 Report Date : 23-09-2022 Report No. : ICE-2209231151 NABL ULR No. : TC592622000013320F Customer Ref. No. : Order No.5030010814 Letter Dated : 29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Gate No.3
Date of Monitoring	: 12-09-2022
Time of Monitoring	: 10:50 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.32
Volume of air sampled, m ³	: 1773.42
Avg. Ambient Temperature, °C	: 38

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
1.	Ambient Air Quality Parameters (Time weighted Avg- 24 Hours)			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS: 5182 (P-2): 2017	80 Max	16.22
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS: 5182 (P-6): 2017	80 Max	23.27
c.	Particulate Matter (PM ₁₀), µg/m ³	IS: 5182 (P-23): 2017	100 Max	95.35
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW/001	60 Max	47.14
e.	Ammonia(NH ₃), µg/m ³	IS: 5182 (P-25): 2018	400 Max	29.47
f.	Lead(As Pb), µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


Saurabh Sharma
23-09-2022
Reviewer


23-09-2022
PremKumar
[Authorized Signatory]

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Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2209200712 Sample Reg. Date :20-09-2022 Report Date :23-09-2022 Report No. :ICE-2209231151 NABL ULR No. :TC592622000013320F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

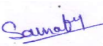
2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	26.55
b.	Carbon Monoxide(CO),mg/m ³	IS: 5182 (P-10): 2019	2 Max.	1.4
3.	Ambient Air Quality Parameters(Time weighted Avg- Annual*)			
a.	Benzene(C ₆ H ₆),µg/m ³	IS: 5182 (P-11): 2017	5 Max	BLQ(LOQ:1.0)
b.	Benzo(a) Pyrene Particulate Phase only,ng/m ³	IS: 5182 (P-12): 2019	1 Max	BLQ(LOQ:0.5)
c.	Arsenic(as As),ng/m ³	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
d.	Nickel(As Ni),ng/m ³	STP/ITC/EW/002	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 :*Annual arithmetic mean of minimum 104 measurements in a year at a particular site taken twice a week 24 hourly at uniform intervals

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


Saurabh Sharma
23-09-2022
Reviewer


23-09-2022
PremKumar
[Authorized Signatory]

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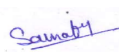
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2209200711 Sample Reg. Date :20-09-2022 Report Date :23-09-2022 Report No. :ICE-2209231150 NABL ULR No. :TC592622000013315F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Block C-3
Date of Monitoring	: 12-09-2022
Time of Monitoring	: 11:10 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.32
Volume of air sampled,m3	: 1779.14
Avg. Ambient Temperature,°C	: 37

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
1.	Ambient Air Quality Parameters(Time weighted Avg- 24 Hours)			
a.	Sulphur Dioxide(SO ₂),µg/m ³	IS: 5182 (P-2): 2017	80 Max	8.27
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS: 5182 (P-6): 2017	80 Max	17.23
c.	Particulate Matter (PM ₁₀),µg/m ³	IS: 5182 (P-23): 2017	100 Max	92.35
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW/001	60 Max	50.08
e.	Ammonia(NH ₃),µg/m ³	IS: 5182 (P-25): 2018	400 Max	30.55
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


Saurabh Sharma
23-09-2022
Reviewer


23-09-2022
PremKumar
[Authorized Signatory]

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Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2209200711 Sample Reg. Date :20-09-2022 Report Date :23-09-2022 Report No. :ICE-2209231150 NABL ULR No. :TC592622000013315F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

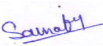
2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	23.47
b.	Carbon Monoxide(CO),mg/m ³	IS: 5182 (P-10): 2019	2 Max.	1.2
3.	Ambient Air Quality Parameters(Time weighted Avg- Annual*)			
a.	Benzene(C ₆ H ₆),µg/m ³	IS: 5182 (P-11): 2017	5 Max	BLQ(LOQ:1.0)
b.	Benzo(a) Pyrene Particulate Phase only,ng/m ³	IS: 5182 (P-12): 2019	1 Max	BLQ(LOQ:0.5)
c.	Arsenic(as As),ng/m ³	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
d.	Nickel(As Ni),ng/m ³	STP/ITC/EW/002	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 :*Annual arithmetic mean of minimum 104 measurements in a year at a particular site taken twice a week 24 hourly at uniform intervals

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


Saurabh Sharma
23-09-2022
Reviewer


23-09-2022
PremKumar
[Authorized Signatory]

Disclaimer :

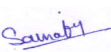
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. : E01-2209200713 Sample Reg. Date : 20-09-2022 Report Date : 23-09-2022 Report No. : ICE-2209231152 NABL ULR No. : TC592622000013317F Customer Ref. No. : Order No.5030010814 Letter Dated : 29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Village- Khanpur
Date of Monitoring	: 12-09-2022
Time of Monitoring	: 10:30 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.33
Volume of air sampled, m ³	: 1792.61
Avg. Ambient Temperature, °C	: 37

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
1.	Ambient Air Quality Parameters (Time weighted Avg- 24 Hours)			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS: 5182 (P-2): 2017	80 Max	10.20
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS: 5182 (P-6): 2017	80 Max	19.26
c.	Particulate Matter (PM ₁₀), µg/m ³	IS: 5182 (P-23): 2017	100 Max	97.18
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW/001	60 Max	50.08
e.	Ammonia(NH ₃), µg/m ³	IS: 5182 (P-25): 2018	400 Max	29.52
f.	Lead(As Pb), µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


Saurabh Sharma
23-09-2022
Reviewer


23-09-2022
PremKumar
[Authorized Signatory]

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Test Report

Document QF : 2501
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2209200713 Sample Reg. Date :20-09-2022 Report Date :23-09-2022 Report No. :ICE-2209231152 NABL ULR No. :TC592622000013317F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

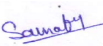
2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	24.13
b.	Carbon Monoxide(CO),mg/m ³	IS: 5182 (P-10): 2019	2 Max.	1.3
3.	Ambient Air Quality Parameters(Time weighted Avg- Annual*)			
a.	Benzene(C ₆ H ₆),µg/m ³	IS: 5182 (P-11): 2017	5 Max	BLQ(LOQ:1.0)
b.	Benzo(a) Pyrene Particulate Phase only,ng/m ³	IS: 5182 (P-12): 2019	1 Max	BLQ(LOQ:0.5)
c.	Arsenic(as As),ng/m ³	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
d.	Nickel(As Ni),ng/m ³	STP/ITC/EW/002	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 :*Annual arithmetic mean of minimum 104 measurements in a year at a particular site taken twice a week 24 hourly at uniform intervals

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


Saurabh Sharma
23-09-2022
Reviewer


23-09-2022
PremKumar
[Authorized Signatory]

Disclaimer :

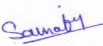
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2209200714 Sample Reg. Date :20-09-2022 Report Date :23-09-2022 Report No. :ICE-2209231153 NABL ULR No. :TC592622000013312F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Shakti Vihar
Date of Monitoring	: 12-09-2022
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	: 1786.85
Avg. Ambient Temperature,°C	: 38

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
1.	Ambient Air Quality Parameters(Time weighted Avg- 24 Hours)			
a.	Sulphur Dioxide(SO2),µg/m3	IS: 5182 (P-2): 2017	80 Max	7.27
b.	Nitrogen Dioxide(NO2),µg/m ³	IS: 5182 (P-6): 2017	80 Max	12.36
c.	Particulate Matter (PM10),µg/m3	IS: 5182 (P-23): 2017	100 Max	87.25
d.	Particulate matter (PM 2.5),µg/m3	STP/ITC/EW/001	60 Max	40.40
e.	Ammonia(NH3),µg/m ³	IS: 5182 (P-25): 2018	400 Max	28.30
f.	Lead(As Pb),µg/m3	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


 Saurabh Sharma
 23-09-2022
 Reviewer


 23-09-2022
 PremKumar
 [Authorized Signatory]

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Test Report

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Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2209200714 Sample Reg. Date :20-09-2022 Report Date :23-09-2022 Report No. :ICE-2209231153 NABL ULR No. :TC592622000013312F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

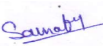
2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	40.40
b.	Carbon Monoxide(CO),mg/m ³	IS: 5182 (P-10): 2019	2 Max.	BLQ(LOQ:1.0)
3.	Ambient Air Quality Parameters(Time weighted Avg- Annual*)			
a.	Benzene(C ₆ H ₆),µg/m ³	IS: 5182 (P-11): 2017	5 Max	BLQ(LOQ:1.0)
b.	Benzo(a) Pyrene Particulate Phase only,ng/m ³	IS: 5182 (P-12): 2019	1 Max	BLQ(LOQ:0.5)
c.	Arsenic(as As),ng/m ³	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
d.	Nickel(As Ni),ng/m ³	STP/ITC/EW/002	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 :*Annual arithmetic mean of minimum 104 measurements in a year at a particular site taken twice a week 24 hourly at uniform intervals

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


Saurabh Sharma
23-09-2022
Reviewer


23-09-2022
PremKumar
[Authorized Signatory]

Disclaimer :

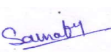
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2209271143 Sample Reg. Date :27-09-2022 Report Date :01-10-2022 Report No. :ICE-2210010002 NABL ULR No. :TC592622000013731F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: 15.09.2022
Date of Monitoring	: Near Gate No.3
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
1.	Ambient Air Quality Parameters(Time weighted Avg- 24 Hours)			
a.	Sulphur Dioxide(SO ₂),µg/m ³	IS: 5182 (P-2): 2017	80 Max	12.38
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS: 5182 (P-6): 2017	80 Max	20.36
c.	Particulate Matter (PM ₁₀),µg/m ³	IS: 5182 (P-23): 2017	100 Max	113.24
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW/001	60 Max	52.19
e.	Ammonia(NH ₃),µg/m ³	IS: 5182 (P-25): 2018	400 Max	32.30
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


Saurabh Sharma
01-10-2022
Reviewer


01-10-2022
PremKumar
[Authorized Signatory]

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Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2209271143 Sample Reg. Date :27-09-2022 Report Date :01-10-2022 Report No. :ICE-2210010002 NABL ULR No. :TC592622000013731F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

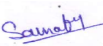
2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	25.36
b.	Carbon Monoxide(CO),mg/m ³	IS: 5182 (P-10): 2019	2 Max.	1.4
3.	Ambient Air Quality Parameters(Time weighted Avg- Annual*)			
a.	Benzene(C ₆ H ₆),µg/m ³	IS: 5182 (P-11): 2017	5 Max	BLQ (LOQ:1.0)
b.	Benzo(a) Pyrene Particulate Phase only,ng/m ³	IS: 5182 (P-12): 2019	1 Max	BLQ(LOQ:0.5)
c.	Arsenic(as As),ng/m ³	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
d.	Nickel(As Ni),ng/m ³	STP/ITC/EW/002	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 :*Annual arithmetic mean of minimum 104 measurements in a year at a particular site taken twice a week 24 hourly at uniform intervals

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


Saurabh Sharma
01-10-2022
Reviewer


01-10-2022
PremKumar
[Authorized Signatory]

Disclaimer :

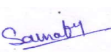
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2209271142 Sample Reg. Date :27-09-2022 Report Date :01-10-2022 Report No. :ICE-2210010001 NABL ULR No. :TC592622000013725F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Block C-6
Date of Monitoring	: 15-09-2022
Time of Monitoring	: 11:50 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.32
Volume of air sampled,m3	: 1773.42
Avg. Ambient Temperature,°C	: 38

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
1.	Ambient Air Quality Parameters(Time weighted Avg- 24 Hours)			
a.	Sulphur Dioxide(SO ₂),µg/m ³	IS: 5182 (P-2): 2017	80 Max	9.20
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS: 5182 (P-6): 2017	80 Max	17.23
c.	Particulate Matter (PM ₁₀),µg/m ³	IS: 5182 (P-23): 2017	100 Max	101.22
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW/001	60 Max	48.40
e.	Ammonia(NH ₃),µg/m ³	IS: 5182 (P-25): 2018	400 Max	27.27
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


Saurabh Sharma
01-10-2022
Reviewer


01-10-2022
PremKumar
[Authorized Signatory]

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Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2209271142 Sample Reg. Date :27-09-2022 Report Date :01-10-2022 Report No. :ICE-2210010001 NABL ULR No. :TC592622000013725F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

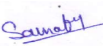
2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	23.14
b.	Carbon Monoxide(CO),mg/m ³	IS: 5182 (P-10): 2019	2 Max.	1.2
3.	Ambient Air Quality Parameters(Time weighted Avg- Annual*)			
a.	Benzene(C ₆ H ₆),µg/m ³	IS: 5182 (P-11): 2017	5 Max	BLQ (LOQ:1.0)
b.	Benzo(a) Pyrene Particulate Phase only,ng/m ³	IS: 5182 (P-12): 2019	1 Max	BLQ(LOQ:0.5)
c.	Arsenic(as As),ng/m ³	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
d.	Nickel(As Ni),ng/m ³	STP/ITC/EW/002	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 :*Annual arithmetic mean of minimum 104 measurements in a year at a particular site taken twice a week 24 hourly at uniform intervals

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


Saurabh Sharma
01-10-2022
Reviewer


01-10-2022
PremKumar
[Authorized Signatory]

Disclaimer :

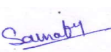
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. : E01-2209271144 Sample Reg. Date : 27-09-2022 Report Date : 01-10-2022 Report No. : ICE-2210010003 NABL ULR No. : TC592622000013729F Customer Ref. No. : Order No.5030010814 Letter Dated : 29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Village-Khanpur
Date of Monitoring	: 15-09-2022
Time of Monitoring	: 11:00 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.33
Volume of air sampled, m ³	: 1798.42
Avg. Ambient Temperature, °C	: 36

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
1.	Ambient Air Quality Parameters (Time weighted Avg- 24 Hours)			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS: 5182 (P-2): 2017	80 Max	15.22
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS: 5182 (P-6): 2017	80 Max	22.37
c.	Particulate Matter (PM ₁₀), µg/m ³	IS: 5182 (P-23): 2017	100 Max	119.27
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW/001	60 Max	56.40
e.	Ammonia(NH ₃), µg/m ³	IS: 5182 (P-25): 2018	400 Max	31.31
f.	Lead(As Pb), µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


Saurabh Sharma
01-10-2022
Reviewer


01-10-2022
PremKumar
[Authorized Signatory]

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Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2209271144 Sample Reg. Date :27-09-2022 Report Date :01-10-2022 Report No. :ICE-2210010003 NABL ULR No. :TC592622000013729F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	23.27
b.	Carbon Monoxide(CO),mg/m ³	IS: 5182 (P-10): 2019	2 Max.	1.5
3.	Ambient Air Quality Parameters(Time weighted Avg- Annual*)			
a.	Benzene(C ₆ H ₆),µg/m ³	IS: 5182 (P-11): 2017	5 Max	BLQ (LOQ:1.0)
b.	Benzo(a) Pyrene Particulate Phase only,ng/m ³	IS: 5182 (P-12): 2019	1 Max	BLQ(LOQ:0.5)
c.	Arsenic(as As),ng/m ³	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
d.	Nickel(As Ni),ng/m ³	STP/ITC/EW/002	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 :*Annual arithmetic mean of minimum 104 measurements in a year at a particular site taken twice a week 24 hourly at uniform intervals

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


Saurabh Sharma
01-10-2022
Reviewer


01-10-2022
PremKumar
[Authorized Signatory]

Disclaimer :

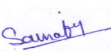
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2209271145 Sample Reg. Date :27-09-2022 Report Date :01-10-2022 Report No. :ICE-2210010004 NABL ULR No. :TC592622000013730F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Shakti Vihar
Date of Monitoring	: 15-09-2022
Time of Monitoring	: 12:00 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.33
Volume of air sampled,m3	: 1792.61
Avg. Ambient Temperature,°C	: 37

Description				
Description	Ambient Air Quality Monitoring			
S.No.	Parameters	Method	Specification	Result
1.	Ambient Air Quality Parameters(Time weighted Avg- 24 Hours)			
a.	Sulphur Dioxide(SO ₂),µg/m ³	IS: 5182 (P-2): 2017	80 Max	6.22
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS: 5182 (P-6): 2017	80 Max	10.24
c.	Particulate Matter (PM ₁₀),µg/m ³	IS: 5182 (P-23): 2017	100 Max	87.25
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW/001	60 Max	35.35
e.	Ammonia(NH ₃),µg/m ³	IS: 5182 (P-25): 2018	400 Max	25.43
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


Saurabh Sharma
01-10-2022
Reviewer


01-10-2022
PremKumar
[Authorized Signatory]

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Test Report

Document QF : 2501
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2209271145 Sample Reg. Date :27-09-2022 Report Date :01-10-2022 Report No. :ICE-2210010004 NABL ULR No. :TC592622000013730F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

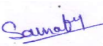
2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	22.37
b.	Carbon Monoxide(CO),mg/m ³	IS: 5182 (P-10): 2019	2 Max.	BLQ (LOQ:1.0)
3.	Ambient Air Quality Parameters(Time weighted Avg- Annual*)			
a.	Benzene(C ₆ H ₆),µg/m ³	IS: 5182 (P-11): 2017	5 Max	BLQ (LOQ:1.0)
b.	Benzo(a) Pyrene Particulate Phase only,ng/m ³	IS: 5182 (P-12): 2019	1 Max	BLQ(LOQ:0.5)
c.	Arsenic(as As),ng/m ³	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
d.	Nickel(As Ni),ng/m ³	STP/ITC/EW/002	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 :*Annual arithmetic mean of minimum 104 measurements in a year at a particular site taken twice a week 24 hourly at uniform intervals

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


Saurabh Sharma
01-10-2022
Reviewer


01-10-2022
PremKumar
[Authorized Signatory]

Disclaimer :

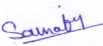
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2209271147 Sample Reg. Date :27-09-2022 Report Date :01-10-2022 Report No. :ICE-2210010006 NABL ULR No. :TC592622000013732F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Gate No.3
Date of Monitoring	: 19-09-2022
Time of Monitoring	: 12:00 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.31
Volume of air sampled,m3	: 1782.91
Avg. Ambient Temperature,°C	: 34

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
1.	Ambient Air Quality Parameters(Time weighted Avg- 24 Hours)			
a.	Sulphur Dioxide(SO2),µg/m3	IS: 5182 (P-2): 2017	80 Max	10.23
b.	Nitrogen Dioxide(NO2),µg/m ³	IS: 5182 (P-6): 2017	80 Max	16.21
c.	Particulate Matter (PM10),µg/m3	IS: 5182 (P-23): 2017	100 Max	109.20
d.	Particulate matter (PM 2.5),µg/m3	STP/ITC/EW/001	60 Max	50.08
e.	Ammonia(NH3),µg/m ³	IS: 5182 (P-25): 2018	400 Max	23.30
f.	Lead(As Pb),µg/m3	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


 Saurabh Sharma
 01-10-2022
 Reviewer


 01-10-2022
 PremKumar
 [Authorized Signatory]

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Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2209271147 Sample Reg. Date :27-09-2022 Report Date :01-10-2022 Report No. :ICE-2210010006 NABL ULR No. :TC592622000013732F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

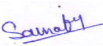
2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	22.28
b.	Carbon Monoxide(CO),mg/m ³	IS: 5182 (P-10): 2019	2 Max.	1.4
3.	Ambient Air Quality Parameters(Time weighted Avg- Annual*)			
a.	Benzene(C ₆ H ₆),µg/m ³	IS: 5182 (P-11): 2017	5 Max	BLQ (LOQ:1.0)
b.	Benzo(a) Pyrene Particulate Phase only,ng/m ³	IS: 5182 (P-12): 2019	1 Max	BLQ(LOQ:0.5)
c.	Arsenic(as As),ng/m ³	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
d.	Nickel(As Ni),ng/m ³	STP/ITC/EW/002	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 :*Annual arithmetic mean of minimum 104 measurements in a year at a particular site taken twice a week 24 hourly at uniform intervals

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


Saurabh Sharma
01-10-2022
Reviewer


01-10-2022
PremKumar
[Authorized Signatory]

Disclaimer :

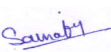
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. : E01-2209271146 Sample Reg. Date : 27-09-2022 Report Date : 01-10-2022 Report No. : ICE-2210010005 NABL ULR No. : TC592622000013736F Customer Ref. No. : Order No.5030010814 Letter Dated : 29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Block C-3
Date of Monitoring	: 19-09-2022
Time of Monitoring	: 12:30 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.30
Volume of air sampled, m ³	: 1760.23
Avg. Ambient Temperature, °C	: 36

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
1.	Ambient Air Quality Parameters (Time weighted Avg- 24 Hours)			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS: 5182 (P-2): 2017	80 Max	7.22
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS: 5182 (P-6): 2017	80 Max	10.25
c.	Particulate Matter (PM ₁₀), µg/m ³	IS: 5182 (P-23): 2017	100 Max	97.26
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW/001	60 Max	48.40
e.	Ammonia(NH ₃), µg/m ³	IS: 5182 (P-25): 2018	400 Max	26.19
f.	Lead(As Pb), µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


Saurabh Sharma
01-10-2022
Reviewer


01-10-2022
PremKumar
[Authorized Signatory]

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Test Report

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Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2209271146 Sample Reg. Date :27-09-2022 Report Date :01-10-2022 Report No. :ICE-2210010005 NABL ULR No. :TC592622000013736F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

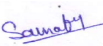
2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	23.36
b.	Carbon Monoxide(CO),mg/m ³	IS: 5182 (P-10): 2019	2 Max.	1.3
3.	Ambient Air Quality Parameters(Time weighted Avg- Annual*)			
a.	Benzene(C ₆ H ₆),µg/m ³	IS: 5182 (P-11): 2017	5 Max	BLQ (LOQ:1.0)
b.	Benzo(a) Pyrene Particulate Phase only,ng/m ³	IS: 5182 (P-12): 2019	1 Max	BLQ(LOQ:0.5)
c.	Arsenic(as As),ng/m ³	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
d.	Nickel(As Ni),ng/m ³	STP/ITC/EW/002	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 :*Annual arithmetic mean of minimum 104 measurements in a year at a particular site taken twice a week 24 hourly at uniform intervals

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


Saurabh Sharma
01-10-2022
Reviewer


01-10-2022
PremKumar
[Authorized Signatory]

Disclaimer :

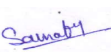
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. : E01-2209271148 Sample Reg. Date : 27-09-2022 Report Date : 01-10-2022 Report No. : ICE-2210010007 NABL ULR No. : TC592622000013728F Customer Ref. No. : Order No.5030010814 Letter Dated : 29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Village-Khanpur
Date of Monitoring	: 19-09-2022
Time of Monitoring	: 11:40 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.33
Volume of air sampled, m ³	: 1812.58
Avg. Ambient Temperature, °C	: 34

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
1.	Ambient Air Quality Parameters (Time weighted Avg- 24 Hours)			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS: 5182 (P-2): 2017	80 Max	6.22
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS: 5182 (P-6): 2017	80 Max	16.24
c.	Particulate Matter (PM ₁₀), µg/m ³	IS: 5182 (P-23): 2017	100 Max	105.21
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW/001	60 Max	48.40
e.	Ammonia(NH ₃), µg/m ³	IS: 5182 (P-25): 2018	400 Max	27.17
f.	Lead(As Pb), µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


Saurabh Sharma
01-10-2022
Reviewer


01-10-2022
PremKumar
[Authorized Signatory]

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Test Report

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Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2209271148 Sample Reg. Date :27-09-2022 Report Date :01-10-2022 Report No. :ICE-2210010007 NABL ULR No. :TC592622000013728F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

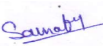
2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	25.37
b.	Carbon Monoxide(CO),mg/m ³	IS: 5182 (P-10): 2019	2 Max.	1.3
3.	Ambient Air Quality Parameters(Time weighted Avg- Annual*)			
a.	Benzene(C ₆ H ₆),µg/m ³	IS: 5182 (P-11): 2017	5 Max	BLQ (LOQ:1.0)
b.	Benzo(a) Pyrene Particulate Phase only,ng/m ³	IS: 5182 (P-12): 2019	1 Max	BLQ(LOQ:0.5)
c.	Arsenic(as As),ng/m ³	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
d.	Nickel(As Ni),ng/m ³	STP/ITC/EW/002	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 :*Annual arithmetic mean of minimum 104 measurements in a year at a particular site taken twice a week 24 hourly at uniform intervals

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


Saurabh Sharma
01-10-2022
Reviewer


01-10-2022
PremKumar
[Authorized Signatory]

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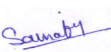
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Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2209271149 Sample Reg. Date :27-09-2022 Report Date :01-10-2022 Report No. :ICE-2210010008 NABL ULR No. :TC592622000013733F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Shakti Vihar
Date of Monitoring	: 19-09-2022
Time of Monitoring	: 12:50 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	: 1781.54
Avg. Ambient Temperature,°C	: 37

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
1.	Ambient Air Quality Parameters(Time weighted Avg- 24 Hours)			
a.	Sulphur Dioxide(SO ₂),µg/m ³	IS: 5182 (P-2): 2017	80 Max	9.22
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS: 5182 (P-6): 2017	80 Max	16.23
c.	Particulate Matter (PM ₁₀),µg/m ³	IS: 5182 (P-23): 2017	100 Max	95.25
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW/001	60 Max	43.35
e.	Ammonia(NH ₃),µg/m ³	IS: 5182 (P-25): 2018	400 Max	25.25
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


Saurabh Sharma
01-10-2022
Reviewer


01-10-2022
PremKumar
[Authorized Signatory]

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Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2209271149 Sample Reg. Date :27-09-2022 Report Date :01-10-2022 Report No. :ICE-2210010008 NABL ULR No. :TC592622000013733F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

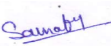
2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	22.56
b.	Carbon Monoxide(CO),mg/m ³	IS: 5182 (P-10): 2019	2 Max.	BLQ (LOQ:1.0)
3.	Ambient Air Quality Parameters(Time weighted Avg- Annual*)			
a.	Benzene(C ₆ H ₆),µg/m ³	IS: 5182 (P-11): 2017	5 Max	BLQ (LOQ:1.0)
b.	Benzo(a) Pyrene Particulate Phase only,ng/m ³	IS: 5182 (P-12): 2019	1 Max	BLQ(LOQ:0.5)
c.	Arsenic(as As),ng/m ³	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
d.	Nickel(As Ni),ng/m ³	STP/ITC/EW/002	20 Max.	BLQ(LOQ:1.0)

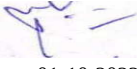
'#' represents Customer Defined Fields

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 :*Annual arithmetic mean of minimum 104 measurements in a year at a particular site taken twice a week 24 hourly at uniform intervals

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


Saurabh Sharma
01-10-2022
Reviewer


01-10-2022
PremKumar
[Authorized Signatory]

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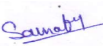
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2209271151 Sample Reg. Date :27-09-2022 Report Date :01-10-2022 Report No. :ICE-2210010010 NABL ULR No. :TC592622000013727F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Gate No.3
Date of Monitoring	: 22-09-2022
Time of Monitoring	: 12:00 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.31
Volume of air sampled,m3	: 1782.91
Avg. Ambient Temperature,°C	: 34

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
1.	Ambient Air Quality Parameters(Time weighted Avg- 24 Hours)			
a.	Sulphur Dioxide(SO ₂),µg/m ³	IS: 5182 (P-2): 2017	80 Max	9.27
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS: 5182 (P-6): 2017	80 Max	17.24
c.	Particulate Matter (PM ₁₀),µg/m ³	IS: 5182 (P-23): 2017	100 Max	99.28
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW/001	60 Max	50.08
e.	Ammonia(NH ₃),µg/m ³	IS: 5182 (P-25): 2018	400 Max	33.29
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


Saurabh Sharma
01-10-2022
Reviewer


01-10-2022
PremKumar
[Authorized Signatory]

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Test Report

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Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2209271151 Sample Reg. Date :27-09-2022 Report Date :01-10-2022 Report No. :ICE-2210010010 NABL ULR No. :TC592622000013727F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

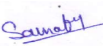
2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	26.24
b.	Carbon Monoxide(CO),mg/m ³	IS: 5182 (P-10): 2019	2 Max.	1.2
3.	Ambient Air Quality Parameters(Time weighted Avg- Annual*)			
a.	Benzene(C ₆ H ₆),µg/m ³	IS: 5182 (P-11): 2017	5 Max	BLQ (LOQ:1.0)
b.	Benzo(a) Pyrene Particulate Phase only,ng/m ³	IS: 5182 (P-12): 2019	1 Max	BLQ(LOQ:0.5)
c.	Arsenic(as As),ng/m ³	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
d.	Nickel(As Ni),ng/m ³	STP/ITC/EW/002	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 :*Annual arithmetic mean of minimum 104 measurements in a year at a particular site taken twice a week 24 hourly at uniform intervals

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


Saurabh Sharma
01-10-2022
Reviewer


01-10-2022
PremKumar
[Authorized Signatory]

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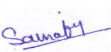
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2209271150 Sample Reg. Date :27-09-2022 Report Date :01-10-2022 Report No. :ICE-2210010009 NABL ULR No. :TC592622000013734F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Block C-6
Date of Monitoring	: 22-09-2022
Time of Monitoring	: 13:30 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	: 1790.69
Avg. Ambient Temperature,°C	: 35

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
1.	Ambient Air Quality Parameters(Time weighted Avg- 24 Hours)			
a.	Sulphur Dioxide(SO ₂),µg/m ³	IS: 5182 (P-2): 2017	80 Max	8.22
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS: 5182 (P-6): 2017	80 Max	11.26
c.	Particulate Matter (PM ₁₀),µg/m ³	IS: 5182 (P-23): 2017	100 Max	96.28
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW/001	60 Max	43.35
e.	Ammonia(NH ₃),µg/m ³	IS: 5182 (P-25): 2018	400 Max	27.30
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


Saurabh Sharma
01-10-2022
Reviewer


01-10-2022
PremKumar
[Authorized Signatory]

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Test Report

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Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2209271150 Sample Reg. Date :27-09-2022 Report Date :01-10-2022 Report No. :ICE-2210010009 NABL ULR No. :TC592622000013734F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	23.26
b.	Carbon Monoxide(CO),mg/m ³	IS: 5182 (P-10): 2019	2 Max.	1.1
3.	Ambient Air Quality Parameters(Time weighted Avg- Annual*)			
a.	Benzene(C ₆ H ₆),µg/m ³	IS: 5182 (P-11): 2017	5 Max	BLQ (LOQ:1.0)
b.	Benzo(a) Pyrene Particulate Phase only,ng/m ³	IS: 5182 (P-12): 2019	1 Max	BLQ(LOQ:0.5)
c.	Arsenic(as As),ng/m ³	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
d.	Nickel(As Ni),ng/m ³	STP/ITC/EW/002	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 :*Annual arithmetic mean of minimum 104 measurements in a year at a particular site taken twice a week 24 hourly at uniform intervals

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


Saurabh Sharma
01-10-2022
Reviewer


01-10-2022
PremKumar
[Authorized Signatory]

Disclaimer :

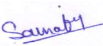
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2209271152 Sample Reg. Date :27-09-2022 Report Date :01-10-2022 Report No. :ICE-2210010011 NABL ULR No. :TC592622000013726F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Village -Khanpur
Date of Monitoring	: 22-09-2022
Time of Monitoring	: 11:40 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.33
Volume of air sampled,m3	: 1816.05
Avg. Ambient Temperature,°C	: 33

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
1.	Ambient Air Quality Parameters(Time weighted Avg- 24 Hours)			
a.	Sulphur Dioxide(SO ₂),µg/m ³	IS: 5182 (P-2): 2017	80 Max	12.35
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS: 5182 (P-6): 2017	80 Max	20.38
c.	Particulate Matter (PM ₁₀),µg/m ³	IS: 5182 (P-23): 2017	100 Max	106.22
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW/001	60 Max	56.40
e.	Ammonia(NH ₃),µg/m ³	IS: 5182 (P-25): 2018	400 Max	30.30
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


Saurabh Sharma
01-10-2022
Reviewer


01-10-2022
PremKumar
[Authorized Signatory]

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Test Report

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Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2209271152 Sample Reg. Date :27-09-2022 Report Date :01-10-2022 Report No. :ICE-2210010011 NABL ULR No. :TC592622000013726F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

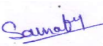
2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	25.25
b.	Carbon Monoxide(CO),mg/m ³	IS: 5182 (P-10): 2019	2 Max.	1.3
3.	Ambient Air Quality Parameters(Time weighted Avg- Annual*)			
a.	Benzene(C ₆ H ₆),µg/m ³	IS: 5182 (P-11): 2017	5 Max	BLQ (LOQ:1.0)
b.	Benzo(a) Pyrene Particulate Phase only,ng/m ³	IS: 5182 (P-12): 2019	1 Max	BLQ(LOQ:0.5)
c.	Arsenic(as As),ng/m ³	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
d.	Nickel(As Ni),ng/m ³	STP/ITC/EW/002	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 :*Annual arithmetic mean of minimum 104 measurements in a year at a particular site taken twice a week 24 hourly at uniform intervals

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


Saurabh Sharma
01-10-2022
Reviewer


01-10-2022
PremKumar
[Authorized Signatory]

Disclaimer :

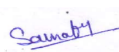
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2209271153 Sample Reg. Date :27-09-2022 Report Date :01-10-2022 Report No. :ICE-2210010012 NABL ULR No. :TC592622000013735F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Shakti Vihar
Date of Monitoring	: 22-09-2022
Time of Monitoring	: 13:50 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	: 1800.85
Avg. Ambient Temperature,°C	: 36

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
1.	Ambient Air Quality Parameters(Time weighted Avg- 24 Hours)			
a.	Sulphur Dioxide(SO ₂),µg/m ³	IS: 5182 (P-2): 2017	80 Max	7.23
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS: 5182 (P-6): 2017	80 Max	13.24
c.	Particulate Matter (PM ₁₀),µg/m ³	IS: 5182 (P-23): 2017	100 Max	89.24
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW/001	60 Max	39.14
e.	Ammonia(NH ₃),µg/m ³	IS: 5182 (P-25): 2018	400 Max	26.62
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


Saurabh Sharma
01-10-2022
Reviewer


01-10-2022
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Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2209271153 Sample Reg. Date :27-09-2022 Report Date :01-10-2022 Report No. :ICE-2210010012 NABL ULR No. :TC592622000013735F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

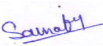
2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	22.55
b.	Carbon Monoxide(CO),mg/m ³	IS: 5182 (P-10): 2019	2 Max.	BLQ (LOQ:1.0)
3.	Ambient Air Quality Parameters(Time weighted Avg- Annual*)			
a.	Benzene(C ₆ H ₆),µg/m ³	IS: 5182 (P-11): 2017	5 Max	BLQ (LOQ:1.0)
b.	Benzo(a) Pyrene Particulate Phase only,ng/m ³	IS: 5182 (P-12): 2019	1 Max	BLQ(LOQ:0.5)
c.	Arsenic(as As),ng/m ³	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
d.	Nickel(As Ni),ng/m ³	STP/ITC/EW/002	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 :*Annual arithmetic mean of minimum 104 measurements in a year at a particular site taken twice a week 24 hourly at uniform intervals

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


Saurabh Sharma
01-10-2022
Reviewer


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PremKumar
[Authorized Signatory]

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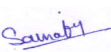
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2210010025 Sample Reg. Date :01-10-2022 Report Date :07-10-2022 Report No. :ICE-2210070335 NABL ULR No. :TC592622000014075F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Gate No.3
Date of Monitoring	: 26-09-2022
Time of Monitoring	: 12:10 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	: 1804.25
Avg. Ambient Temperature,°C	: 35

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
1.	Ambient Air Quality Parameters(Time weighted Avg- 24 Hours)			
a.	Sulphur Dioxide(SO ₂),µg/m ³	IS: 5182 (P-2): 2017	80 Max	8.51
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS: 5182 (P-6): 2017	80 Max	15.32
c.	Particulate Matter (PM ₁₀),µg/m ³	IS: 5182 (P-23): 2017	100 Max	94.16
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW/001	60 Max	50.25
e.	Ammonia(NH ₃),µg/m ³	IS: 5182 (P-25): 2018	400 Max	25.65
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


Saurabh Sharma
07-10-2022
Reviewer


07-10-2022
PremKumar
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Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2210010025 Sample Reg. Date :01-10-2022 Report Date :07-10-2022 Report No. :ICE-2210070335 NABL ULR No. :TC592622000014075F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

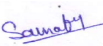
2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	22.36
b.	Carbon Monoxide(CO),mg/m ³	IS: 5182 (P-10): 2019	2 Max.	1.1
3.	Ambient Air Quality Parameters(Time weighted Avg- Annual*)			
a.	Benzene(C ₆ H ₆),µg/m ³	IS: 5182 (P-11): 2017	5 Max	BLQ(LOQ:1.0)
b.	Benzo(a) Pyrene Particulate Phase only,ng/m ³	IS: 5182 (P-12): 2019	1 Max	BLQ(LOQ:0.5)
c.	Arsenic(as As),ng/m ³	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
d.	Nickel(As Ni),ng/m ³	STP/ITC/EW/002	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 :*Annual arithmetic mean of minimum 104 measurements in a year at a particular site taken twice a week 24 hourly at uniform intervals

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


Saurabh Sharma
07-10-2022
Reviewer


07-10-2022
PremKumar
[Authorized Signatory]

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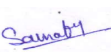
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. : E01-2210010024 Sample Reg. Date : 01-10-2022 Report Date : 07-10-2022 Report No. : ICE-2210070334 NABL ULR No. : TC592622000014074F Customer Ref. No. : Order No.5030010814 Letter Dated : 29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Block C-3
Date of Monitoring	: 26-09-2022
Time of Monitoring	: 12:50 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.32
Volume of air sampled, m ³	: 1784.89
Avg. Ambient Temperature, °C	: 36

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
1.	Ambient Air Quality Parameters (Time weighted Avg- 24 Hours)			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS: 5182 (P-2): 2017	80 Max	8.25
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS: 5182 (P-6): 2017	80 Max	15.24
c.	Particulate Matter (PM ₁₀), µg/m ³	IS: 5182 (P-23): 2017	100 Max	88.25
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW/001	60 Max	41.23
e.	Ammonia(NH ₃), µg/m ³	IS: 5182 (P-25): 2018	400 Max	30.25
f.	Lead(As Pb), µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


Saurabh Sharma
07-10-2022
Reviewer


07-10-2022
PremKumar
[Authorized Signatory]

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Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2210010024 Sample Reg. Date :01-10-2022 Report Date :07-10-2022 Report No. :ICE-2210070334 NABL ULR No. :TC592622000014074F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

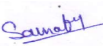
2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	24.29
b.	Carbon Monoxide(CO),mg/m ³	IS: 5182 (P-10): 2019	2 Max.	1.2
3.	Ambient Air Quality Parameters(Time weighted Avg- Annual*)			
a.	Benzene(C ₆ H ₆),µg/m ³	IS: 5182 (P-11): 2017	5 Max	BLQ(LOQ:1.0)
b.	Benzo(a) Pyrene Particulate Phase only,ng/m ³	IS: 5182 (P-12): 2019	1 Max	BLQ(LOQ:0.5)
c.	Arsenic(as As),ng/m ³	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
d.	Nickel(As Ni),ng/m ³	STP/ITC/EW/002	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 : *Annual arithmetic mean of minimum 104 measurements in a year at a particular site taken twice a week 24 hourly at uniform intervals

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


Saurabh Sharma
07-10-2022
Reviewer


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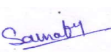
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2210010026 Sample Reg. Date :01-10-2022 Report Date :07-10-2022 Report No. :ICE-2210070336 NABL ULR No. :TC592622000014076F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Village-Khanpur
Date of Monitoring	: 26-09-2022
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	: 1804.25
Avg. Ambient Temperature,°C	: 35

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
1.	Ambient Air Quality Parameters(Time weighted Avg- 24 Hours)			
a.	Sulphur Dioxide(SO2),µg/m3	IS: 5182 (P-2): 2017	80 Max	10.24
b.	Nitrogen Dioxide(NO2),µg/m ³	IS: 5182 (P-6): 2017	80 Max	15.55
c.	Particulate Matter (PM10),µg/m3	IS: 5182 (P-23): 2017	100 Max	98.45
d.	Particulate matter (PM 2.5),µg/m3	STP/ITC/EW/001	60 Max	40.16
e.	Ammonia(NH3),µg/m ³	IS: 5182 (P-25): 2018	400 Max	29.65
f.	Lead(As Pb),µg/m3	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


 Saurabh Sharma
 07-10-2022
 Reviewer


 07-10-2022
 PremKumar
 [Authorized Signatory]

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2210010026 Sample Reg. Date :01-10-2022 Report Date :07-10-2022 Report No. :ICE-2210070336 NABL ULR No. :TC592622000014076F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

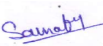
2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	25.36
b.	Carbon Monoxide(CO),mg/m ³	IS: 5182 (P-10): 2019	2 Max.	1.2
3.	Ambient Air Quality Parameters(Time weighted Avg- Annual*)			
a.	Benzene(C ₆ H ₆),µg/m ³	IS: 5182 (P-11): 2017	5 Max	BLQ(LOQ:1.0)
b.	Benzo(a) Pyrene Particulate Phase only,ng/m ³	IS: 5182 (P-12): 2019	1 Max	BLQ(LOQ:0.5)
c.	Arsenic(as As),ng/m ³	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
d.	Nickel(As Ni),ng/m ³	STP/ITC/EW/002	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 :*Annual arithmetic mean of minimum 104 measurements in a year at a particular site taken twice a week 24 hourly at uniform intervals

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


Saurabh Sharma
07-10-2022
Reviewer


07-10-2022
PremKumar
[Authorized Signatory]

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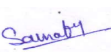
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2210010027 Sample Reg. Date :01-10-2022 Report Date :07-10-2022 Report No. :ICE-2210070337 NABL ULR No. :TC592622000014077F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Shakti Vihar
Date of Monitoring	: 26-09-2022
Time of Monitoring	: 13:20 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

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
1.	Ambient Air Quality Parameters(Time weighted Avg- 24 Hours)			
a.	Sulphur Dioxide(SO ₂),µg/m ³	IS: 5182 (P-2): 2017	80 Max	6.22
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS: 5182 (P-6): 2017	80 Max	11.25
c.	Particulate Matter (PM ₁₀),µg/m ³	IS: 5182 (P-23): 2017	100 Max	85.58
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW/001	60 Max	35.55
e.	Ammonia(NH ₃),µg/m ³	IS: 5182 (P-25): 2018	400 Max	28.30
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


Saurabh Sharma
07-10-2022
Reviewer


07-10-2022
PremKumar
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2210010027 Sample Reg. Date :01-10-2022 Report Date :07-10-2022 Report No. :ICE-2210070337 NABL ULR No. :TC592622000014077F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

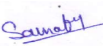
2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	22.35
b.	Carbon Monoxide(CO),mg/m ³	IS: 5182 (P-10): 2019	2 Max.	BLQ(LOQ:1.0)
3.	Ambient Air Quality Parameters(Time weighted Avg- Annual*)			
a.	Benzene(C ₆ H ₆),µg/m ³	IS: 5182 (P-11): 2017	5 Max	BLQ(LOQ:1.0)
b.	Benzo(a) Pyrene Particulate Phase only,ng/m ³	IS: 5182 (P-12): 2019	1 Max	BLQ(LOQ:0.5)
c.	Arsenic(as As),ng/m ³	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
d.	Nickel(As Ni),ng/m ³	STP/ITC/EW/002	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 :*Annual arithmetic mean of minimum 104 measurements in a year at a particular site taken twice a week 24 hourly at uniform intervals

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


Saurabh Sharma
07-10-2022
Reviewer


07-10-2022
PremKumar
[Authorized Signatory]

Disclaimer :

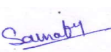
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2210010046 Sample Reg. Date :01-10-2022 Report Date :07-10-2022 Report No. :ICE-2210070339 NABL ULR No. :TC592622000014079F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Gate No.3
Date of Monitoring	: 29-09-2022
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	: 1811.94
Avg. Ambient Temperature,°C	: 36

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
1.	Ambient Air Quality Parameters(Time weighted Avg- 24 Hours)			
a.	Sulphur Dioxide(SO ₂),µg/m ³	IS: 5182 (P-2): 2017	80 Max	8.25
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS: 5182 (P-6): 2017	80 Max	10.55
c.	Particulate Matter (PM ₁₀),µg/m ³	IS: 5182 (P-23): 2017	100 Max	90.88
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW/001	60 Max	40.25
e.	Ammonia(NH ₃),µg/m ³	IS: 5182 (P-25): 2018	400 Max	25.12
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


Saurabh Sharma
07-10-2022
Reviewer


07-10-2022
PremKumar
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Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2210010046 Sample Reg. Date :01-10-2022 Report Date :07-10-2022 Report No. :ICE-2210070339 NABL ULR No. :TC592622000014079F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	24.31
b.	Carbon Monoxide(CO),mg/m ³	IS: 5182 (P-10): 2019	2 Max.	1.2
3.	Ambient Air Quality Parameters(Time weighted Avg- Annual*)			
a.	Benzene(C ₆ H ₆),µg/m ³	IS: 5182 (P-11): 2017	5 Max	BLQ(LOQ:1.0)
b.	Benzo(a) Pyrene Particulate Phase only,ng/m ³	IS: 5182 (P-12): 2019	1 Max	BLQ(LOQ:0.5)
c.	Arsenic(as As),ng/m ³	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
d.	Nickel(As Ni),ng/m ³	STP/ITC/EW/002	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 : *Annual arithmetic mean of minimum 104 measurements in a year at a particular site taken twice a week 24 hourly at uniform intervals

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


Saurabh Sharma
07-10-2022
Reviewer


07-10-2022
PremKumar
[Authorized Signatory]

Disclaimer :

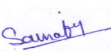
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2210010045 Sample Reg. Date :01-10-2022 Report Date :07-10-2022 Report No. :ICE-2210070338 NABL ULR No. :TC592622000014078F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Block C-6
Date of Monitoring	: 29-09-2022
Time of Monitoring	: 12:10 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

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
1.	Ambient Air Quality Parameters(Time weighted Avg- 24 Hours)			
a.	Sulphur Dioxide(SO ₂),µg/m ³	IS: 5182 (P-2): 2017	80 Max	6.11
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS: 5182 (P-6): 2017	80 Max	10.24
c.	Particulate Matter (PM ₁₀),µg/m ³	IS: 5182 (P-23): 2017	100 Max	82.65
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW/001	60 Max	33.26
e.	Ammonia(NH ₃),µg/m ³	IS: 5182 (P-25): 2018	400 Max	28.52
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


Saurabh Sharma
07-10-2022
Reviewer


07-10-2022
PremKumar
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Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2210010045 Sample Reg. Date :01-10-2022 Report Date :07-10-2022 Report No. :ICE-2210070338 NABL ULR No. :TC592622000014078F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

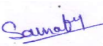
2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	22.54
b.	Carbon Monoxide(CO),mg/m ³	IS: 5182 (P-10): 2019	2 Max.	1.2
3.	Ambient Air Quality Parameters(Time weighted Avg- Annual*)			
a.	Benzene(C ₆ H ₆),µg/m ³	IS: 5182 (P-11): 2017	5 Max	BLQ(LOQ:1.0)
b.	Benzo(a) Pyrene Particulate Phase only,ng/m ³	IS: 5182 (P-12): 2019	1 Max	BLQ(LOQ:0.5)
c.	Arsenic(as As),ng/m ³	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
d.	Nickel(As Ni),ng/m ³	STP/ITC/EW/002	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 :*Annual arithmetic mean of minimum 104 measurements in a year at a particular site taken twice a week 24 hourly at uniform intervals

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


Saurabh Sharma
07-10-2022
Reviewer


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PremKumar
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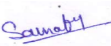
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2210010047 Sample Reg. Date :01-10-2022 Report Date :07-10-2022 Report No. :ICE-2210070340 NABL ULR No. :TC592622000014080F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Village- Khanpur
Date of Monitoring	: 29-09-2022
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	: 1810.13
Avg. Ambient Temperature,°C	: 34

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
1.	Ambient Air Quality Parameters(Time weighted Avg- 24 Hours)			
a.	Sulphur Dioxide(SO ₂),µg/m ³	IS: 5182 (P-2): 2017	80 Max	10.25
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS: 5182 (P-6): 2017	80 Max	14.63
c.	Particulate Matter (PM ₁₀),µg/m ³	IS: 5182 (P-23): 2017	100 Max	96.38
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW/001	60 Max	38.66
e.	Ammonia(NH ₃),µg/m ³	IS: 5182 (P-25): 2018	400 Max	29.68
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


Saurabh Sharma
07-10-2022
Reviewer


07-10-2022
PremKumar
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2210010047 Sample Reg. Date :01-10-2022 Report Date :07-10-2022 Report No. :ICE-2210070340 NABL ULR No. :TC592622000014080F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

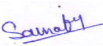
2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	25.52
b.	Carbon Monoxide(CO),mg/m ³	IS: 5182 (P-10): 2019	2 Max.	1.2
3.	Ambient Air Quality Parameters(Time weighted Avg- Annual*)			
a.	Benzene(C ₆ H ₆),µg/m ³	IS: 5182 (P-11): 2017	5 Max	BLQ(LOQ:1.0)
b.	Benzo(a) Pyrene Particulate Phase only,ng/m ³	IS: 5182 (P-12): 2019	1 Max	BLQ(LOQ:0.5)
c.	Arsenic(as As),ng/m ³	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
d.	Nickel(As Ni),ng/m ³	STP/ITC/EW/002	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 :*Annual arithmetic mean of minimum 104 measurements in a year at a particular site taken twice a week 24 hourly at uniform intervals

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


Saurabh Sharma
07-10-2022
Reviewer


07-10-2022
PremKumar
[Authorized Signatory]

Disclaimer :

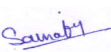
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2210010048 Sample Reg. Date :01-10-2022 Report Date :07-10-2022 Report No. :ICE-2210070341 NABL ULR No. :TC592622000014081F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Shakti Vihar
Date of Monitoring	: 29-09-2022
Time of Monitoring	: 12:50 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	: 1804.25
Avg. Ambient Temperature,°C	: 35

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
1.	Ambient Air Quality Parameters(Time weighted Avg- 24 Hours)			
a.	Sulphur Dioxide(SO ₂),µg/m ³	IS: 5182 (P-2): 2017	80 Max	6.25
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS: 5182 (P-6): 2017	80 Max	10.25
c.	Particulate Matter (PM ₁₀),µg/m ³	IS: 5182 (P-23): 2017	100 Max	80.55
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW/001	60 Max	30.25
e.	Ammonia(NH ₃),µg/m ³	IS: 5182 (P-25): 2018	400 Max	28.35
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


Saurabh Sharma
07-10-2022
Reviewer


07-10-2022
PremKumar
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2210010048 Sample Reg. Date :01-10-2022 Report Date :07-10-2022 Report No. :ICE-2210070341 NABL ULR No. :TC592622000014081F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

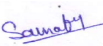
2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	25.52
b.	Carbon Monoxide(CO),mg/m ³	IS: 5182 (P-10): 2019	2 Max.	BLQ(LOQ:1.0)
3.	Ambient Air Quality Parameters(Time weighted Avg- Annual*)			
a.	Benzene(C ₆ H ₆),µg/m ³	IS: 5182 (P-11): 2017	5 Max	BLQ(LOQ:1.0)
b.	Benzo(a) Pyrene Particulate Phase only,ng/m ³	IS: 5182 (P-12): 2019	1 Max	BLQ(LOQ:0.5)
c.	Arsenic(as As),ng/m ³	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
d.	Nickel(As Ni),ng/m ³	STP/ITC/EW/002	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 : *Annual arithmetic mean of minimum 104 measurements in a year at a particular site taken twice a week 24 hourly at uniform intervals

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


Saurabh Sharma
07-10-2022
Reviewer


07-10-2022
PremKumar
[Authorized Signatory]

Disclaimer :

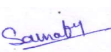
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2209030083 Sample Reg. Date :03-09-2022 Report Date :06-09-2022 Report No. :ICE-2209060203 NABL ULR No. :TC592622000012539F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: EPA Act 1986/PCLS/2010
Sampling Information :	
Date of Monitoring	: 02-09-2022
Time of Monitoring	: 11:20 to 11:42 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 & 390 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
Observations :	


Saurabh Sharma
06-09-2022
Reviewer


06-09-2022
PremKumar
[Authorized Signatory]

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Page 2 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2209030083 Sample Reg. Date :03-09-2022 Report Date :06-09-2022 Report No. :ICE-2209060203 NABL ULR No. :TC592622000012539F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

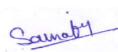
Flue Gas Temperature, °C,Avg.	: 58
Flue Gas Velocity(m/s),Avg.	: 23.61
Volumetric Flow Rate(Nm ³ /hr.)	: 2827234.05
Ambient Air Temperature, °C	: 32

S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	General Parameters			
a.	Particulate Matter, mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-1)	Max. 50	27.39
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-2)	Max. 200	166.33
c.	Oxides of Nitrogen (NO _x), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-7)	Max. 450	191.20
d.	Mercury(As Hg),mg/Nm ³	STP/ITC/EW/002	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	2.4

'#' 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 02.09.2022, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A


Saurabh Sharma
06-09-2022
Reviewer


06-09-2022
PremKumar
[Authorized Signatory]

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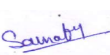
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Test Report

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2209030083 Sample Reg. Date :03-09-2022 Report Date :06-09-2022 Report No. :ICE-2209060203 NABL ULR No. :TC592622000012539F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

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


Saurabh Sharma
06-09-2022
Reviewer


06-09-2022
PremKumar
[Authorized Signatory]

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Document QF : 2501
Page 1 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2209030084 Sample Reg. Date :03-09-2022 Report Date :06-09-2022 Report No. :ICE-2209060204 NABL ULR No. :TC592622000012528F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020
Test Report as per :	: EPA Act 1986/PCLS/2010
Sampling Information :	
Date of Monitoring	: 02-09-2022
Time of Monitoring	: 10:30 to 10:54 hrs
Name of the emission source monitored	: Stack Emission of Boiler
(a) Rated Capacity	: 660 MW
(b) Capacity on sampling day	: 646 MW
(c) Type of fuel used & its consumption	: Coal & 380 ton/hrs
(d) Normal operating schedule	: As Required
2. Stack Identification	: Stack attached to Boiler Unit-2 (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 :	

Saurabh Sharma
06-09-2022
Reviewer

06-09-2022
PremKumar
[Authorized Signatory]

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Page 2 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2209030084 Sample Reg. Date :03-09-2022 Report Date :06-09-2022 Report No. :ICE-2209060204 NABL ULR No. :TC592622000012528F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

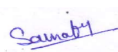
Flue Gas Temperature, °C,Avg.	: 60
Flue Gas Velocity(m/s),Avg.	: 24.62
Volumetric Flow Rate(Nm ³ /hr.)	: 2930472.06
Ambient Air Temperature, °C	: 32

S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	General Parameters			
a.	Particulate Matter, mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-1)	Max. 50	29.38
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-2)	Max. 200	178.88
c.	Oxides of Nitrogen (NO _x), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-7)	Max. 450	187.88
d.	Mercury(As Hg),mg/Nm ³	STP/ITC/EW/002	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	2.6

'#' 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 02.09.2022, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A


Saurabh Sharma
06-09-2022
Reviewer


06-09-2022
PremKumar
[Authorized Signatory]

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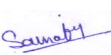
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2209030084 Sample Reg. Date :03-09-2022 Report Date :06-09-2022 Report No. :ICE-2209060204 NABL ULR No. :TC592622000012528F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

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


Saurabh Sharma
06-09-2022
Reviewer


06-09-2022
PremKumar
[Authorized Signatory]

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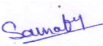
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2209100375 Sample Reg. Date :10-09-2022 Report Date :13-09-2022 Report No. :ICE-2209130525 NABL ULR No. :TC592622000012819F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: EPA Act 1986/PCLS/2010
Sampling Information :	
Date of Monitoring	: 09-09-2022
Time of Monitoring	: 10:20 to 10:44 hrs
Name of the emission source monitored	: Stack Emission of Boiler
(a) Rated Capacity	: 660 MW
(b) Capacity on sampling day	: 592 MW
(c) Type of fuel used & its consumption	: Coal & 401 ton/hrs
(d) Normal operating schedule	: 24 hrs
2. Stack Identification	: Stack attached to Boiler Unit-2 (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 :	


Saurabh Sharma
13-09-2022
Reviewer


13-09-2022
PremKumar
[Authorized Signatory]

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Document QF : 2501
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2209100375 Sample Reg. Date :10-09-2022 Report Date :13-09-2022 Report No. :ICE-2209130525 NABL ULR No. :TC592622000012819F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

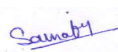
Flue Gas Temperature, °C,Avg.	: 67
Flue Gas Velocity(m/s),Avg.	: 24.83
Volumetric Flow Rate(Nm ³ /hr.)	: 2890654.86
Ambient Air Temperature, °C	: 33

S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	General Parameters			
a.	Particulate Matter, mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-1)	Max. 50	29.82
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-2)	Max. 200	170.07
c.	Oxides of Nitrogen (NO _x), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-7)	Max. 450	230.23
d.	Mercury(As Hg),mg/Nm ³	STP/ITC/EW/002	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 : 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 09.09.2022, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A


Saurabh Sharma
13-09-2022
Reviewer


13-09-2022
PremKumar
[Authorized Signatory]

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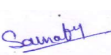
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Test Report

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


Saurabh Sharma
13-09-2022
Reviewer


13-09-2022
PremKumar
[Authorized Signatory]

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Document QF : 2501
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2209190661 Sample Reg. Date :19-09-2022 Report Date :21-09-2022 Report No. :ICE-2209211078 NABL ULR No. :TC592622000013156F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: EPA Act 1986/PCLS/2010
Sampling Information :	
Date of Monitoring	: 16-09-2022
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	: 400 MW
(c) Type of fuel used & its consumption	: Coal & 275 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)	: 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 :	

Saurabh Sharma
Saurabh Sharma
21-09-2022
Reviewer

PremKumar
21-09-2022
PremKumar
[Authorized Signatory]

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Test Report

Document QF : 2501
Page 2 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2209190661 Sample Reg. Date :19-09-2022 Report Date :21-09-2022 Report No. :ICE-2209211078 NABL ULR No. :TC592622000013156F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

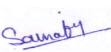
Flue Gas Temperature, °C,Avg.	: 62
Flue Gas Velocity(m/s),Avg.	: 22.79
Volumetric Flow Rate(Nm ³ /hr.)	: 2696455.69
Ambient Air Temperature, °C	: 33

S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	General Parameters			
a.	Particulate Matter, mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-1)	Max. 50	24.09
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-2)	Max. 200	150.92
c.	Oxides of Nitrogen (NO _x), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-7)	Max. 450	303.80
d.	Mercury(As Hg),mg/Nm ³	STP/ITC/EW/002	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 16.09.2022, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A


Saurabh Sharma
21-09-2022
Reviewer


21-09-2022
PremKumar
[Authorized Signatory]

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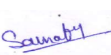
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Test Report

Document QF : 2501
Page 3 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2209190661 Sample Reg. Date :19-09-2022 Report Date :21-09-2022 Report No. :ICE-2209211078 NABL ULR No. :TC592622000013156F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

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


Saurabh Sharma
21-09-2022
Reviewer


21-09-2022
PremKumar
[Authorized Signatory]

Disclaimer :

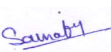
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Test Report

Document QF : 2501
Page 1 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2209190662 Sample Reg. Date :19-09-2022 Report Date :21-09-2022 Report No. :ICE-2209211079 NABL ULR No. :TC592622000013158F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: EPA Act 1986/PCLS/2010
Sampling Information :	
Date of Monitoring	: 16-09-2022
Time of Monitoring	: 10:40 to 11:04 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 & 258 Ton/hrs
(d) Normal operating schedule	: 24 hrs
2. Stack Identification	: Stack attached to Boiler Unit-2 (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 :	


Saurabh Sharma
21-09-2022
Reviewer


21-09-2022
PremKumar
[Authorized Signatory]

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Test Report

Document QF : 2501
Page 2 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2209190662 Sample Reg. Date :19-09-2022 Report Date :21-09-2022 Report No. :ICE-2209211079 NABL ULR No. :TC592622000013158F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

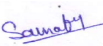
Flue Gas Temperature, °C,Avg.	: 55
Flue Gas Velocity(m/s),Avg.	: 22.29
Volumetric Flow Rate(Nm ³ /hr.)	: 2693580.72
Ambient Air Temperature, °C	: 33

S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	General Parameters			
a.	Particulate Matter, mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-1)	Max. 50	12.21
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-2)	Max. 200	137.27
c.	Oxides of Nitrogen (NO _x), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-7)	Max. 450	288.11
d.	Mercury(As Hg),mg/Nm ³	STP/ITC/EW/002	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	4.7

'#' 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 16.09.2022, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A


Saurabh Sharma
21-09-2022
Reviewer


21-09-2022
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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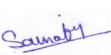
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Document QF : 2501
Page 3 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2209190662 Sample Reg. Date :19-09-2022 Report Date :21-09-2022 Report No. :ICE-2209211079 NABL ULR No. :TC592622000013158F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

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


Saurabh Sharma
21-09-2022
Reviewer


21-09-2022
PremKumar
[Authorized Signatory]

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Document QF : 2501
Page 1 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2210010023 Sample Reg. Date :01-10-2022 Report Date :07-10-2022 Report No. :ICE-2210070333 NABL ULR No. :TC592622000014073F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020
Test Report as per :	: EPA Act 1986/PCLS/2010
Sampling Information :	
Date of Monitoring	: 30-09-2022
Time of Monitoring	: 11:09 to 11:33 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 & 225 Ton/hrs
(d) Normal operating schedule	: 24 hrs
2. Stack Identification	: Stack attached to Boiler Unit-2 (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 :	

Saurabh Sharma
Saurabh Sharma
07-10-2022
Reviewer

PremKumar
07-10-2022
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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Document QF : 2501
Page 2 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2210010023 Sample Reg. Date :01-10-2022 Report Date :07-10-2022 Report No. :ICE-2210070333 NABL ULR No. :TC592622000014073F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

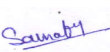
Flue Gas Temperature, °C,Avg.	: 58
Flue Gas Velocity(m/s),Avg.	: 23.71
Volumetric Flow Rate(Nm ³ /hr.)	: 2839208.78
Ambient Air Temperature, °C	: 31

S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	General Parameters			
a.	Particulate Matter, mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-1)	Max. 50	26.73
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-2)	Max. 200	126.18
c.	Oxides of Nitrogen (NO _x), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-7)	Max. 450	220.68
d.	Mercury(As Hg),mg/Nm ³	STP/ITC/EW/002	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	4.2

'#' 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 30.09.2022, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A


Saurabh Sharma
07-10-2022
Reviewer


07-10-2022
PremKumar
[Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.
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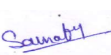
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2210010023 Sample Reg. Date :01-10-2022 Report Date :07-10-2022 Report No. :ICE-2210070333 NABL ULR No. :TC592622000014073F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

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


Saurabh Sharma
07-10-2022
Reviewer


07-10-2022
PremKumar
[Authorized Signatory]

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Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2209200707 Sample Reg. Date :20-09-2022 Report Date :23-09-2022 Report No. :ICE-2209231148 (1) NABL ULR No. :TC592622000013323F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: EPA Act 1986/PCLS/2010
Sampling Information :	
Date of Monitoring	: 16-09-2022
Time of Monitoring	: 15:30 to 15:50 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 -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)	: 20
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
Observations :	

Saurabh Sharma
Saurabh Sharma
23-09-2022
Reviewer

PremKumar
23-09-2022
PremKumar
[Authorized Signatory]

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2209200707 Sample Reg. Date :20-09-2022 Report Date :23-09-2022 Report No. :ICE-2209231148 (1) NABL ULR No. :TC592622000013323F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Flue Gas Temperature, °C,Avg.	: 310
Flue Gas Velocity(m/s),Avg.	: 26.06
Volumetric Flow Rate(Nm ³ /hr.)	: 5801.12
Ambient Air Temperature, °C	: 33

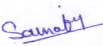
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	General Parameters			
a.	Particulate Matter,mg/Nm ³ (Corrected at 15 % O ₂)	IS:11255(P-1)	Max. 75	41.22
b.	Carbon Monoxide(CO),mg/Nm ³ (Corrected at 15 % O ₂)	IS:13270	Max. 150	94
c.	Oxides of Nitrogen NO _x (as NO ₂), ppmv (at 15% O ₂), dry basis	IS:11255(P-7)	Max. 710	368.22
d.	Sulphur Dioxide(SO ₂),mg/Nm ³	IS:11255(P-2)	Not Specified	10.35

'*' represents categories/test parameters not covered under NABL '#' represents Customer Defined Fields

NOTE : NA- Not Applicable, Requirements as per EPA Act 1986/PCLS/2010, Sample collected by lab rep. on dated 16.09.2022, Sampling Procedure - SOP/ITC/EW/056

REMARKS : N/A

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


Saurabh Sharma
23-09-2022
Reviewer


23-09-2022
PremKumar
[Authorized Signatory]

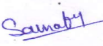
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2209200707 Sample Reg. Date :20-09-2022 Report Date :23-09-2022 Report No. :ICE-2209231148 (2) Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020
Test Report as per :	: EPA Act 1986/PCLS/2010
Sampling Information :	
Date of Monitoring	: 16-09-2022
Time of Monitoring	: 15:30 to 15:50 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 -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)	: 20
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
Observations :	
Flue Gas Temperature, °C,Avg.	: 310
Flue Gas Velocity(m/s),Avg.	: 26.06


Saurabh Sharma
23-09-2022
Reviewer


23-09-2022
PremKumar
[Authorized Signatory]

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Test Report

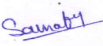
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar		Sample Reg. No. :E01-2209200707 Sample Reg. Date :20-09-2022 Report Date :23-09-2022 Report No. :ICE-2209231148 (2) Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020		
Volumetric Flow Rate(Nm ³ /hr.)		: 5801.12		
Ambient Air Temperature, °C		: 33		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	General Parameters			
a.	Non Methane Hydrocarbon,mg/Nm3(Corrected at 15 % O2)	IS:13270	Max. 100	42

'#' represents Customer Defined Fields

NOTE : NA- Not Applicable, Requirements as per EPA Act 1986/PCLS/2010, Sample collected by lab rep. on dated 16.09.2022, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A

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


Saurabh Sharma
23-09-2022
Reviewer


23-09-2022
PremKumar
[Authorized Signatory]

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Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2209200708 Sample Reg. Date :20-09-2022 Report Date :23-09-2022 Report No. :ICE-2209231149 (1) NABL ULR No. :TC592622000013316F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020
Test Report as per :	: EPA Act 1986/PCLS/2010
Sampling Information :	
Date of Monitoring	: 16-09-2022
Time of Monitoring	: 16:20 to 16:40 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) Engine No 16386
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)	: 20
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
Observations :	

Saurabh Sharma
23-09-2022
Reviewer

23-09-2022
PremKumar
[Authorized Signatory]

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Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2209200708 Sample Reg. Date :20-09-2022 Report Date :23-09-2022 Report No. :ICE-2209231149 (1) NABL ULR No. :TC592622000013316F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Flue Gas Temperature, °C,Avg.	: 301
Flue Gas Velocity(m/s),Avg.	: 26.87
Volumetric Flow Rate(Nm ³ /hr.)	: 6075.22
Ambient Air Temperature, °C	: 33

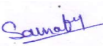
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	General Parameters			
a.	Particulate Matter,mg/Nm ³ (Corrected at 15 % O ₂)	IS:11255(P-1)	Max. 75	38.11
b.	Carbon Monoxide(CO),mg/Nm ³ (Corrected at 15 % O ₂)	IS:13270	Max. 150	90
c.	Oxides of Nitrogen NO _x (as NO ₂), ppmv (at 15% O ₂), dry basis	IS:11255(P-7)	Max. 710	384.24
d.	Sulphur Dioxide(SO ₂),mg/Nm ³	IS:11255(P-2)	Not Specified	15.52

'*' represents categories/test parameters not covered under NABL '#' represents Customer Defined Fields

NOTE : NA- Not Applicable, Requirements as per EPA Act 1986/PCLS/2010 , Sample collected by lab rep. on dated 16.09.2022, Sampling Procedure - SOP/ITC/EW/056

REMARKS : N/A

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


Saurabh Sharma
23-09-2022
Reviewer

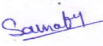

23-09-2022
PremKumar
[Authorized Signatory]

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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2209200708 Sample Reg. Date :20-09-2022 Report Date :23-09-2022 Report No. :ICE-2209231149 (2) Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020
Test Report as per :	: EPA Act 1986/PCLS/2010
Sampling Information :	
Date of Monitoring	: 16-09-2022
Time of Monitoring	: 16:20 to 16:40 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) Engine No 16386
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)	: 20
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
Observations :	
Flue Gas Temperature, °C,Avg.	: 301
Flue Gas Velocity(m/s),Avg.	: 26.87


Saurabh Sharma
23-09-2022
Reviewer


23-09-2022
PremKumar
[Authorized Signatory]

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Panchkula-134109 (Haryana)

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Test Report

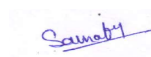
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar		Sample Reg. No. :E01-2209200708 Sample Reg. Date :20-09-2022 Report Date :23-09-2022 Report No. :ICE-2209231149 (2) Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020		
Volumetric Flow Rate(Nm ³ /hr.)		: 6075.22		
Ambient Air Temperature, °C		: 33		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	General Parameters			
a.	Non Methane Hydrocarbon,mg/Nm3(Corrected at 15 % O2)	IS:13270	Max. 100	40

'#' represents Customer Defined Fields

NOTE : NA- Not Applicable, Requirements as per EPA Act 1986/PCLS/2010 , Sample collected by lab rep. on dated 16.09.2022, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A

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


Saurabh Sharma
23-09-2022
Reviewer


23-09-2022
PremKumar
[Authorized Signatory]

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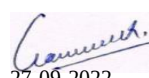
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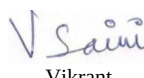
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2209190688 Sample Reg. Date :19-09-2022 Report Date :27-09-2022 Report No. :ICE-2209271474 NABL ULR No. :TC592622000013449F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

Test Report as per IS: BIS Specification IS:10500-2012	With Amendment No.(s): 01 to 04

PART A : PARTICULARS OF SAMPLE SUBMITTED

a)	Nature of Sample #	Water 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	19-09-2022
n)	Date of Start	19-09-2022
o)	Date of Completion	27-09-2022
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 16.09.2022, Sample from Village-Jhamri


27-09-2022
Gaurav Khandelwal
[Authorized Signatory]


Vikrant
27-09-2022
Reviewer


27-09-2022
PremKumar
[Authorized Signatory]

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Test Report

Document QF : 2501

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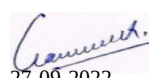
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2209190688 Sample Reg. Date :19-09-2022 Report Date :27-09-2022 Report No. :ICE-2209271474 NABL ULR No. :TC592622000013449F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

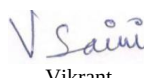
s)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
t)	Manufactured By [#]	NA
u)	Supplied By [#]	NA

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
	Discipline : Chemical				
	Group : Water				
1.	Organoleptic & Physical Parameter				
a.	Colour (True Colour)	IS 3025 (Part 4) : 2021	5 Max.	15 Max.	2
b.	Taste	IS:3025(Part 8):1984(RA:2017)	Agreeable	-	Agreeable
c.	Odour	IS: 3025 (P-5)-2018	Agreeable	-	Agreeable
d.	Turbidity (NTU)	IS:3025(Part 10):1984(RA:2017)	1 Max.	5 Max.	0.9
e.	pH Value	IS: 3025 (Part-11): 2022	6.5-8.5	No relaxation	8.17


27-09-2022
Gaurav Khandelwal
[Authorized Signatory]


Vikrant
27-09-2022
Reviewer


27-09-2022
PremKumar
[Authorized Signatory]

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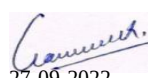
Test Report

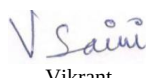
Document QF : 2501

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2209190688 Sample Reg. Date :19-09-2022 Report Date :27-09-2022 Report No. :ICE-2209271474 NABL ULR No. :TC592622000013449F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

f.	Total Dissolved Solids,(mg/L)	IS: 3025 (P-16)-1984 (RA 2017)	500 Max.	2000 Max.	1190
2.	Parameters Concerning Undesirable Substances in excess amount				
a.	Aluminium as Al, (mg/L)	IS: 3025 (P-55)-2003 (RA 2019)	0.03 Max.	0.2 Max.	BLQ(LOQ:0.02)
b.	Ammonia (as total ammonia-N) (mg/L)	IS: 3025 (P-34)-1988 (RA 2019)	0.5 Max.	No Relaxation	BLQ(LOQ:0.1)
c.	Anionic detergent(as MBAS),(mg/L)	IS:13428:2005(RA 2018)-Annex K	0.2 Max.	1.0 Max.	BLQ(LOQ:0.05)
d.	Barium(as Ba)(mg/L)	IS:13428:2005(RA 2018)-Annex F	0.7 Max.	No relaxation	BLQ(LOQ:0.3)
e.	Boron (as B) (mg/l)	IS: 3025 (Part 57)-2005 (RA 2017)	0.5 Max.	2.4 Max.	BLQ(LOQ:0.5)
f.	Calcium(as Ca),(mg/L)	IS: 3025 (Part 40)-1991 (RA 2019)	75 Max.	200 Max.	107
g.	Chloramines (as Cl ₂),(mg/L)	IS: 3025 (P-26): 2021	4.0 Max.	No relaxation	BLQ(LOQ:0.03)
h.	Chloride(as Cl)(mg/L)	IS: 3025 (P-32)-1988 (RA2019)	250 Max.	1000 Max.	426
i.	Copper (as Cu)(mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.05 Max.	1.5 Max.	BLQ(LOQ:0.002)
j.	Fluoride as F(mg/L)	IS: 3025 (P-60)-2008 (RA 2019)	1.0 Max.	1.5 Max.	1.2
k.	Phenolic compounds (as C ₆ H ₅ OH), (mg/L)	IS: 3025 (P-43/Sec-1)-2022	0.001 Max.	0.002 Max.	BLQ(LOQ:0.001)
l.	Free Residual Chlorine, (mg/L)	IS: 3025 (P-26): 2021	0.2 Min.	1.0 Max.	Not Applicable
m.	Iron (as Fe)(mg/L)	IS: 3025 (P-53)-2003 (RA 2019)	1.0 Max.	No relaxation	BLQ(LOQ:0.08)
n.	Magnesium as Mg (mg/L)	IS: 3025 (Part 46)-1994 (RA 2019)	30 Max.	100 Max.	76


 27-09-2022
 Gaurav Khandelwal
 [Authorized Signatory]


 Vikrant
 27-09-2022
 Reviewer


 27-09-2022
 PremKumar
 [Authorized Signatory]

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Test Report

Document QF : 2501

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2209190688 Sample Reg. Date :19-09-2022 Report Date :27-09-2022 Report No. :ICE-2209271474 NABL ULR No. :TC592622000013449F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

o.	Manganese as Mn, (mg/L)	IS: 3025 (Part 59)-2006 (RA 2017)	0.1 Max.	0.3 Max.	BLQ(LOQ:0.1)
p.	Mineral Oil, (mg/L)	IS: 3025 (Part 39)-2021	1.0 Max.	No Relaxation	BLQ(LOQ : 1.0)
q.	Nitrate as NO ₃ (mg/L)	APHA 23rd Edition 2017, 4500 NO3	45 Max.	No Relaxation	38.4
r.	Selenium (as Se) (mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.01 Max.	No Relaxation	BLQ(LOQ:0.002)
s.	Silver (as Ag) (mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.1 Max.	No Relaxation	BLQ(LOQ:0.002)
t.	Sulphate(as SO ₄)(mg/L)	IS: 3025 (P-24/Sec-1)-2022	200 Max.	400 Max.	39.7
u.	Sulphide as H ₂ S, (mg/L)	IS: 3025 (Part 29)-1986 (RA 2019)	0.05 Max.	No Relaxation	BLQ(LOQ:0.05)
v.	Total Alkalinity(as CaCO ₃)(mg/L)	IS: 3025 (Part 23)-1986 (RA 2019)	200 Max.	600 Max.	540
w.	Total Hardness(as CaCO ₃)(mg/L)	IS: 3025 (Part 21)-2009 (RA 2019)	200 Max.	600 Max.	580
x.	Zinc(as Zn)(mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	5 Max.	15 Max.	0.009
3. Parameters Concerning Toxic Substances					
a.	Cadmium(as Cd)(mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.003 Max.	No Relaxation	BLQ(LOQ:0.002)
b.	Cyanide(asCN)(mg/L)	IS: 3025 (P-27/Sec-1)-2021	0.05 Max.	No Relaxation	BLQ(LOQ:0.01)
c.	Lead(as Pb)(mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.01 Max.	No Relaxation	BLQ(LOQ:0.002)
d.	Mercury(as Hg)(mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.001 Max.	No Relaxation	BLQ(LOQ:0.001)
e.	Molybdenum(as Mo)(mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.07 Max.	No Relaxation	BLQ(LOQ:0.002)

Gaurav Khandelwal
27-09-2022

Gaurav Khandelwal
[Authorized Signatory]

Vikrant

Vikrant
27-09-2022
Reviewer

PremKumar
27-09-2022

PremKumar
[Authorized Signatory]

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Test Report

Document QF : 2501

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2209190688 Sample Reg. Date :19-09-2022 Report Date :27-09-2022 Report No. :ICE-2209271474 NABL ULR No. :TC592622000013449F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

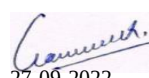
f.	Nickel(as Ni) (mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.02 Max.	No Relaxation	BLQ(LOQ:0.002)
g.	Total Arsenic(as As)(mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.01 Max.	No relaxation	BLQ(LOQ:0.002)
h.	Total Chromium(as Cr)(mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.05 Max.	No Relaxation	BLQ(LOQ:0.002)
Discipline : Biological					
Group : Water					
1. Microbiological Tests					
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

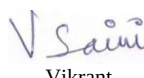
'#' represents Customer Defined Fields

NOTE : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification. Sampling Procedure : SOP/ITC/EW/030. Sample Consumed in testing

REMARKS :The above referred sample of Water Sample (Bore Well Water) conforms to BIS Specification IS:10500-2012 with upto date amdots with respect to the above tests.

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


 27-09-2022
 Gaurav Khandelwal
 [Authorized Signatory]


 Vikrant
 27-09-2022
 Reviewer


 27-09-2022
 PremKumar
 [Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.
 86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)
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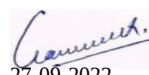
Page 1 of 5

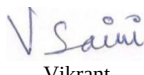
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2209190684 Sample Reg. Date :19-09-2022 Report Date :27-09-2022 Report No. :ICE-2209271473 NABL ULR No. :TC592622000013457F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

Test Report as per IS: BIS Specification IS:10500-2012	With Amendment No.(s): 01 to 04

PART A : PARTICULARS OF SAMPLE SUBMITTED

a)	Nature of Sample [#]	Water 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	19-09-2022
n)	Date of Start	19-09-2022
o)	Date of Completion	27-09-2022
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 16.09.2022, Sample from Village-Khanpur Kalan


 27-09-2022
 Gaurav Khandelwal
 [Authorized Signatory]


 Vikrant
 27-09-2022
 Reviewer


 27-09-2022
 PremKumar
 [Authorized Signatory]

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Test Report

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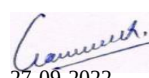
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2209190684 Sample Reg. Date :19-09-2022 Report Date :27-09-2022 Report No. :ICE-2209271473 NABL ULR No. :TC592622000013457F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

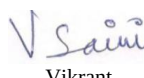
s)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
t)	Manufactured By [#]	NA
u)	Supplied By [#]	NA

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		Clear colorless liquid.			
S.No.	Parameters	Method	Acceptable Limit	Permissible Limit	Result
	Discipline : Chemical				
	Group : Water				
1.	Organoleptic & Physical Parameter				
a.	Colour (True Colour)	IS 3025 (Part 4) : 2021	5 Max.	15 Max.	2
b.	Taste	IS:3025(Part 8):1984(RA:2017)	Agreeable	-	Agreeable
c.	Odour	IS: 3025 (P-5)-2018	Agreeable	-	Agreeable
d.	Turbidity (NTU)	IS:3025(Part 10):1984(RA:2017)	1 Max.	5 Max.	<0.5
e.	pH Value	IS: 3025 (Part-11): 2022	6.5-8.5	No relaxation	8.30


27-09-2022
Gaurav Khandelwal
[Authorized Signatory]


Vikrant
27-09-2022
Reviewer


27-09-2022
PremKumar
[Authorized Signatory]

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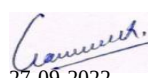
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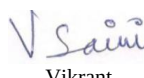
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2209190684 Sample Reg. Date :19-09-2022 Report Date :27-09-2022 Report No. :ICE-2209271473 NABL ULR No. :TC592622000013457F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

f.	Total Dissolved Solids,(mg/L)	IS: 3025 (P-16)-1984 (RA 2017)	500 Max.	2000 Max.	980
2.	Parameters Concerning Undesirable Substances in excess amount				
a.	Aluminium as Al, (mg/L)	IS: 3025 (P-55)-2003 (RA 2019)	0.03 Max.	0.2 Max.	BLQ(LOQ:0.02)
b.	Ammonia (as total ammonia-N) (mg/L)	IS: 3025 (P-34)-1988 (RA 2019)	0.5 Max.	No Relaxation	BLQ(LOQ:0.1)
c.	Anionic detergent(as MBAS),(mg/L)	IS:13428:2005(RA 2018)-Annex K	0.2 Max.	1.0 Max.	BLQ(LOQ: 0.05)
d.	Barium(as Ba)(mg/L)	IS:13428:2005(RA 2018)-Annex F	0.7 Max.	No relaxation	BLQ(LOQ:0.3)
e.	Boron (as B) (mg/l)	IS: 3025 (Part 57)- 2005 (RA 2017)	0.5 Max.	2.4 Max.	BLQ(LOQ:0.5)
f.	Calcium(as Ca),(mg/L)	IS: 3025 (Part 40)- 1991 (RA 2019)	75 Max.	200 Max.	102
g.	Chloramines (as Cl ₂),(mg/L)	IS: 3025 (P-26): 2021	4.0 Max.	No relaxation	BLQ(LOQ:0.03)
h.	Chloride(as Cl)(mg/L)	IS: 3025 (P-32)-1988 (RA2019)	250 Max.	1000 Max.	77.1
i.	Copper (as Cu)(mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.05 Max.	1.5 Max.	0.003
j.	Fluoride as F(mg/L)	IS: 3025 (P-60)-2008 (RA 2019)	1.0 Max.	1.5 Max.	0.6
k.	Phenolic compounds (as C ₆ H ₅ OH), (mg/L)	IS: 3025 (P-43/Sec- 1)-2022	0.001 Max.	0.002 Max.	BLQ(LOQ:0.001)
l.	Free Residual Chlorine, (mg/L)	IS: 3025 (P-26): 2021	0.2 Min.	1.0 Max.	Not Applicable
m.	Iron (as Fe)(mg/L)	IS: 3025 (P-53)-2003 (RA 2019)	1.0 Max.	No relaxation	BLQ(LOQ:0.08)
n.	Magnesium as Mg (mg/L)	IS: 3025 (Part 46)- 1994 (RA 2019)	30 Max.	100 Max.	77


 27-09-2022
 Gaurav Khandelwal
 [Authorized Signatory]


 Vikrant
 27-09-2022
 Reviewer


 27-09-2022
 PremKumar
 [Authorized Signatory]

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o.	Manganese as Mn, (mg/L)	IS: 3025 (Part 59)-2006 (RA 2017)	0.1 Max.	0.3 Max.	BLQ(LOQ:0.1)
p.	Mineral Oil, (mg/L)	IS: 3025 (Part 39)-2021	1.0 Max.	No Relaxation	BLQ(LOQ : 1.0)
q.	Nitrate as NO ₃ (mg/L)	APHA 23rd Edition 2017, 4500 NO3	45 Max.	No Relaxation	40
r.	Selenium (as Se) (mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.01 Max.	No Relaxation	BLQ(LOQ:0.002)
s.	Silver (as Ag) (mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.1 Max.	No Relaxation	BLQ(LOQ:0.002)
t.	Sulphate(as SO ₄)(mg/L)	IS: 3025 (P-24/Sec-1)-2022	200 Max.	400 Max.	55.3
u.	Sulphide as H ₂ S, (mg/L)	IS: 3025 (Part 29)-1986 (RA 2019)	0.05 Max.	No Relaxation	BLQ(LOQ:0.05)
v.	Total Alkalinity(as CaCO ₃)(mg/L)	IS: 3025 (Part 23)-1986 (RA 2019)	200 Max.	600 Max.	540
w.	Total Hardness(as CaCO ₃)(mg/L)	IS: 3025 (Part 21)-2009 (RA 2019)	200 Max.	600 Max.	572
x.	Zinc(as Zn)(mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	5 Max.	15 Max.	0.017
3. Parameters Concerning Toxic Substances					
a.	Cadmium(as Cd)(mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.003 Max.	No Relaxation	BLQ(LOQ:0.002)
b.	Cyanide(asCN)(mg/L)	IS: 3025 (P-27/Sec-1)-2021	0.05 Max.	No Relaxation	BLQ(LOQ:0.01)
c.	Lead(as Pb)(mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.01 Max.	No Relaxation	BLQ(LOQ:0.002)
d.	Mercury(as Hg)(mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.001 Max.	No Relaxation	BLQ(LOQ:0.001)
e.	Molybdenum(as Mo)(mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.07 Max.	No Relaxation	BLQ(LOQ:0.002)

Gaurav Khandelwal
27-09-2022

Gaurav Khandelwal
[Authorized Signatory]

Vikrant

Vikrant
27-09-2022
Reviewer

PremKumar

PremKumar
27-09-2022
[Authorized Signatory]

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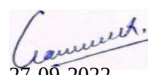
f.	Nickel(as Ni) (mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.02 Max.	No Relaxation	BLQ(LOQ:0.002)
g.	Total Arsenic(as As)(mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.01 Max.	No relaxation	BLQ(LOQ:0.002)
h.	Total Chromium(as Cr)(mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.05 Max.	No Relaxation	BLQ(LOQ:0.002)
Discipline : Biological					
Group : Water					
1. Microbiological Tests					
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

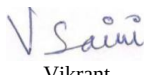
'#' represents Customer Defined Fields

NOTE : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification. Sampling Procedure : SOP/ITC/EW/030. Sample Consumed in testing

REMARKS : The above referred sample of Water Sample (Bore Well Water) conforms to BIS Specification IS:10500-2012 with upto date amtdts with respect to the above tests.

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


 27-09-2022
 Gaurav Khandelwal
 [Authorized Signatory]


 Vikrant
 27-09-2022
 Reviewer


 27-09-2022
 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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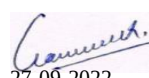
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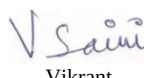
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2209190682 Sample Reg. Date :19-09-2022 Report Date :27-09-2022 Report No. :ICE-2209271458 NABL ULR No. :TC592622000013454F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

Test Report as per IS: BIS Specification IS:10500-2012	With Amendment No.(s): 01 to 04

PART A : PARTICULARS OF SAMPLE SUBMITTED

a)	Nature of Sample [#]	Water 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	19-09-2022
n)	Date of Start	19-09-2022
o)	Date of Completion	27-09-2022
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 16.09.2022, Sample from Village-Khanpur Khurd


 27-09-2022
 Gaurav Khandelwal
 [Authorized Signatory]


 Vikrant
 27-09-2022
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 PremKumar
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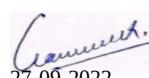
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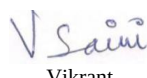
s)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
t)	Manufactured By [#]	NA
u)	Supplied By [#]	NA

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		Clear colorless liquid.			
S.No.	Parameters	Method	Acceptable Limit	Permissible Limit	Result
	Discipline : Chemical				
	Group : Water				
1.	Organoleptic & Physical Parameter				
a.	Colour (True Colour)	IS 3025 (Part 4) : 2021	5 Max.	15 Max.	2
b.	Taste	IS:3025(Part 8):1984(RA:2017)	Agreeable	-	Agreeable
c.	Odour	IS: 3025 (P-5)-2018	Agreeable	-	Agreeable
d.	Turbidity (NTU)	IS:3025(Part 10):1984(RA:2017)	1 Max.	5 Max.	0.82
e.	pH Value	IS: 3025 (Part-11): 2022	6.5-8.5	No relaxation	7.79


27-09-2022
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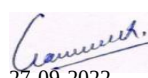
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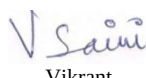
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f.	Total Dissolved Solids,(mg/L)	IS: 3025 (P-16)-1984 (RA 2017)	500 Max.	2000 Max.	318
2.	Parameters Concerning Undesirable Substances in excess amount				
a.	Aluminium as Al, (mg/L)	IS: 3025 (P-55)-2003 (RA 2019)	0.03 Max.	0.2 Max.	BLQ(LOQ:0.02)
b.	Ammonia (as total ammonia-N) (mg/L)	IS: 3025 (P-34)-1988 (RA 2019)	0.5 Max.	No Relaxation	BLQ(LOQ:0.1)
c.	Anionic detergent(as MBAS),(mg/L)	IS:13428:2005(RA 2018)-Annex K	0.2 Max.	1.0 Max.	BLQ(LOQ:0.05)
d.	Barium(as Ba)(mg/L)	IS:13428:2005(RA 2018)-Annex F	0.7 Max.	No relaxation	BLQ(LOQ:0.3)
e.	Boron (as B) (mg/l)	IS: 3025 (Part 57)-2005 (RA 2017)	0.5 Max.	2.4 Max.	BLQ(LOQ:0.5)
f.	Calcium(as Ca),(mg/L)	IS: 3025 (Part 40)-1991 (RA 2019)	75 Max.	200 Max.	35.3
g.	Chloramines (as Cl ₂),(mg/L)	IS: 3025 (P-26): 2021	4.0 Max.	No relaxation	BLQ(LOQ:0.03)
h.	Chloride(as Cl)(mg/L)	IS: 3025 (P-32)-1988 (RA2019)	250 Max.	1000 Max.	15.4
i.	Copper (as Cu)(mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.05 Max.	1.5 Max.	BLQ(LOQ:0.002)
j.	Fluoride as F(mg/L)	IS: 3025 (P-60)-2008 (RA 2019)	1.0 Max.	1.5 Max.	BLQ(LOQ:0.1)
k.	Phenolic compounds (as C ₆ H ₅ OH), (mg/L)	IS: 3025 (P-43/Sec-1)-2022	0.001 Max.	0.002 Max.	BLQ(LOQ:0.001)
l.	Free Residual Chlorine, (mg/L)	IS: 3025 (P-26): 2021	0.2 Min.	1.0 Max.	Not Applicable
m.	Iron (as Fe)(mg/L)	IS: 3025 (P-53)-2003 (RA 2019)	1.0 Max.	No relaxation	BLQ(LOQ:0.08)
n.	Magnesium as Mg (mg/L)	IS: 3025 (Part 46)-1994 (RA 2019)	30 Max.	100 Max.	27.2


 27-09-2022
 Gaurav Khandelwal
 [Authorized Signatory]


 Vikrant
 27-09-2022
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o.	Manganese as Mn, (mg/L)	IS: 3025 (Part 59)-2006 (RA 2017)	0.1 Max.	0.3 Max.	BLQ(LOQ:0.1)
p.	Mineral Oil, (mg/L)	IS: 3025 (Part 39)-2021	1.0 Max.	No Relaxation	BLQ(LOQ : 1.0)
q.	Nitrate as NO ₃ (mg/L)	APHA 23rd Edition 2017, 4500 NO ₃	45 Max.	No Relaxation	BLQ(LOQ:1.0)
r.	Selenium (as Se) (mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.01 Max.	No Relaxation	BLQ(LOQ:0.002)
s.	Silver (as Ag) (mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.1 Max.	No Relaxation	BLQ(LOQ:0.002)
t.	Sulphate(as SO ₄)(mg/L)	IS: 3025 (P-24/Sec-1)-2022	200 Max.	400 Max.	24.7
u.	Sulphide as H ₂ S, (mg/L)	IS: 3025 (Part 29)-1986 (RA 2019)	0.05 Max.	No Relaxation	BLQ(LOQ:0.05)
v.	Total Alkalinity(as CaCO ₃)(mg/L)	IS: 3025 (Part 23)-1986 (RA 2019)	200 Max.	600 Max.	234
w.	Total Hardness(as CaCO ₃)(mg/L)	IS: 3025 (Part 21)-2009 (RA 2019)	200 Max.	600 Max.	200
x.	Zinc(as Zn)(mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	5 Max.	15 Max.	0.010
3. Parameters Concerning Toxic Substances					
a.	Cadmium(as Cd)(mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.003 Max.	No Relaxation	BLQ(LOQ:0.002)
b.	Cyanide(asCN)(mg/L)	IS: 3025 (P-27/Sec-1)-2021	0.05 Max.	No Relaxation	BLQ(LOQ:0.01)
c.	Lead(as Pb)(mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.01 Max.	No Relaxation	BLQ(LOQ:0.002)
d.	Mercury(as Hg)(mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.001 Max.	No Relaxation	BLQ(LOQ:0.001)
e.	Molybdenum(as Mo)(mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.07 Max.	No Relaxation	BLQ(LOQ:0.002)

Gaurav Khandelwal
27-09-2022

Gaurav Khandelwal
[Authorized Signatory]

Vikrant

Vikrant
27-09-2022
Reviewer

PremKumar

PremKumar
27-09-2022
[Authorized Signatory]

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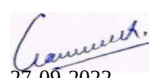
f.	Nickel(as Ni) (mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.02 Max.	No Relaxation	BLQ(LOQ:0.002)
g.	Total Arsenic(as As)(mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.01 Max.	No relaxation	BLQ(LOQ:0.002)
h.	Total Chromium(as Cr)(mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.05 Max.	No Relaxation	BLQ(LOQ:0.002)
Discipline : Biological					
Group : Water					
1. Microbiological Tests					
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

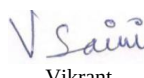
'#' represents Customer Defined Fields

NOTE : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification. Sampling Procedure : SOP/ITC/EW/030. Sample Consumed in testing

REMARKS :The above referred sample of Water Sample (Bore Well Water) conforms to BIS Specification IS:10500-2012 with upto date amdots with respect to the above tests.

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


 27-09-2022
 Gaurav Khandelwal
 [Authorized Signatory]


 Vikrant
 27-09-2022
 Reviewer


 27-09-2022
 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

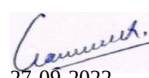
Page 1 of 5

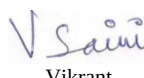
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2209190686 Sample Reg. Date :19-09-2022 Report Date :27-09-2022 Report No. :ICE-2209271469 NABL ULR No. :TC592622000013458F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

Test Report as per IS: BIS Specification IS:10500-2012	With Amendment No.(s): 01 to 04

PART A : PARTICULARS OF SAMPLE SUBMITTED

a)	Nature of Sample [#]	Water 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	19-09-2022
n)	Date of Start	19-09-2022
o)	Date of Completion	27-09-2022
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 16.09.2022, sample from Village-Wazidpur


 27-09-2022
 Gaurav Khandelwal
 [Authorized Signatory]


 Vikrant
 27-09-2022
 Reviewer


 27-09-2022
 PremKumar
 [Authorized Signatory]

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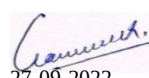
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2209190686 Sample Reg. Date :19-09-2022 Report Date :27-09-2022 Report No. :ICE-2209271469 NABL ULR No. :TC592622000013458F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

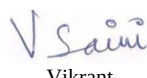
s)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
t)	Manufactured By [#]	NA
u)	Supplied By [#]	NA

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		Clear colorless liquid.			
S.No.	Parameters	Method	Acceptable Limit	Permissible Limit	Result
	Discipline : Chemical				
	Group : Water				
1.	Organoleptic & Physical Parameter				
a.	Colour (True Colour)	IS 3025 (Part 4) : 2021	5 Max.	15 Max.	2
b.	Taste	IS:3025(Part 8):1984(RA:2017)	Agreeable	-	Agreeable
c.	Odour	IS: 3025 (P-5)-2018	Agreeable	-	Agreeable
d.	Turbidity (NTU)	IS:3025(Part 10):1984(RA:2017)	1 Max.	5 Max.	<0.5
e.	pH Value	IS: 3025 (Part-11): 2022	6.5-8.5	No relaxation	7.87


27-09-2022
Gaurav Khandelwal
[Authorized Signatory]


Vikrant
27-09-2022
Reviewer


27-09-2022
PremKumar
[Authorized Signatory]

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f.	Total Dissolved Solids,(mg/L)	IS: 3025 (P-16)-1984 (RA 2017)	500 Max.	2000 Max.	1080
2.	Parameters Concerning Undesirable Substances in excess amount				
a.	Aluminium as Al, (mg/L)	IS: 3025 (P-55)-2003 (RA 2019)	0.03 Max.	0.2 Max.	BLQ(LOQ:0.02)
b.	Ammonia (as total ammonia-N) (mg/L)	IS: 3025 (P-34)-1988 (RA 2019)	0.5 Max.	No Relaxation	BLQ(LOQ:0.1)
c.	Anionic detergent(as MBAS),(mg/L)	IS:13428:2005(RA 2018)-Annex K	0.2 Max.	1.0 Max.	BLQ(LOQ:0.05)
d.	Barium(as Ba)(mg/L)	IS:13428:2005(RA 2018)-Annex F	0.7 Max.	No relaxation	BLQ(LOQ:0.3)
e.	Boron (as B) (mg/l)	IS: 3025 (Part 57)-2005 (RA 2017)	0.5 Max.	2.4 Max.	BLQ(LOQ:0.5)
f.	Calcium(as Ca),(mg/L)	IS: 3025 (Part 40)-1991 (RA 2019)	75 Max.	200 Max.	119
g.	Chloramines (as Cl ₂),(mg/L)	IS: 3025 (P-26): 2021	4.0 Max.	No relaxation	BLQ(LOQ:0.03)
h.	Chloride(as Cl)(mg/L)	IS: 3025 (P-32)-1988 (RA2019)	250 Max.	1000 Max.	422
i.	Copper (as Cu)(mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.05 Max.	1.5 Max.	BLQ(LOQ:0.002)
j.	Fluoride as F(mg/L)	IS: 3025 (P-60)-2008 (RA 2019)	1.0 Max.	1.5 Max.	1.2
k.	Phenolic compounds (as C ₆ H ₅ OH), (mg/L)	IS: 3025 (P-43/Sec-1)-2022	0.001 Max.	0.002 Max.	BLQ(LOQ:0.001)
l.	Free Residual Chlorine, (mg/L)	IS: 3025 (P-26): 2021	0.2 Min.	1.0 Max.	Not applicable
m.	Iron (as Fe)(mg/L)	IS: 3025 (P-53)-2003 (RA 2019)	1.0 Max.	No relaxation	BLQ(LOQ:0.08)
n.	Magnesium as Mg (mg/L)	IS: 3025 (Part 46)-1994 (RA 2019)	30 Max.	100 Max.	66

Gaurav Khandelwal
27-09-2022
Gaurav Khandelwal
[Authorized Signatory]

Vikrant
27-09-2022
Vikrant
Reviewer

PremKumar
27-09-2022
PremKumar
[Authorized Signatory]

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o.	Manganese as Mn, (mg/L)	IS: 3025 (Part 59)-2006 (RA 2017)	0.1 Max.	0.3 Max.	BLQ(LOQ:0.1)
p.	Mineral Oil, (mg/L)	IS: 3025 (Part 39)-2021	1.0 Max.	No Relaxation	BLQ(LOQ : 1.0)
q.	Nitrate as NO ₃ (mg/L)	APHA 23rd Edition 2017, 4500 NO3	45 Max.	No Relaxation	36.6
r.	Selenium (as Se) (mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.01 Max.	No Relaxation	BLQ(LOQ:0.002)
s.	Silver (as Ag) (mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.1 Max.	No Relaxation	BLQ(LOQ:0.002)
t.	Sulphate(as SO ₄)(mg/L)	IS: 3025 (P-24/Sec-1)-2022	200 Max.	400 Max.	38.8
u.	Sulphide as H ₂ S, (mg/L)	IS: 3025 (Part 29)-1986 (RA 2019)	0.05 Max.	No Relaxation	BLQ(LOQ:0.05)
v.	Total Alkalinity(as CaCO ₃)(mg/L)	IS: 3025 (Part 23)-1986 (RA 2019)	200 Max.	600 Max.	292
w.	Total Hardness(as CaCO ₃)(mg/L)	IS: 3025 (Part 21)-2009 (RA 2019)	200 Max.	600 Max.	572
x.	Zinc(as Zn)(mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	5 Max.	15 Max.	0.009
3. Parameters Concerning Toxic Substances					
a.	Cadmium(as Cd)(mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.003 Max.	No Relaxation	BLQ(LOQ:0.002)
b.	Cyanide(asCN)(mg/L)	IS: 3025 (P-27/Sec-1)-2021	0.05 Max.	No Relaxation	BLQ(LOQ:0.01)
c.	Lead(as Pb)(mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.01 Max.	No Relaxation	BLQ(LOQ:0.002)
d.	Mercury(as Hg)(mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.001 Max.	No Relaxation	BLQ(LOQ:0.001)
e.	Molybdenum(as Mo)(mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.07 Max.	No Relaxation	BLQ(LOQ:0.002)

Gaurav Khandelwal
27-09-2022

Gaurav Khandelwal
[Authorized Signatory]

Vikrant

Vikrant
27-09-2022
Reviewer

PremKumar
27-09-2022

PremKumar
[Authorized Signatory]

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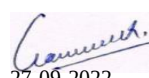
f.	Nickel(as Ni) (mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.02 Max.	No Relaxation	BLQ(LOQ:0.002)
g.	Total Arsenic(as As)(mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.01 Max.	No relaxation	BLQ(LOQ:0.002)
h.	Total Chromium(as Cr)(mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.05 Max.	No Relaxation	BLQ(LOQ:0.002)
Discipline : Biological					
Group : Water					
1. Microbiological Tests					
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

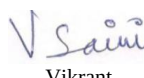
'#' represents Customer Defined Fields

NOTE : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification. Sampling Procedure : SOP/ITC/EW/030. Sample Consumed in testing

REMARKS :The above referred sample of Water Sample (Bore Well Water) conforms to BIS Specification IS:10500-2012 with upto date amdots with respect to the above tests.

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


 27-09-2022
 Gaurav Khandelwal
 [Authorized Signatory]


 Vikrant
 27-09-2022
 Reviewer


 27-09-2022
 PremKumar
 [Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.
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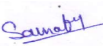
Page 1 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2209190663 Sample Reg. Date :19-09-2022 Report Date :24-09-2022 Report No. :ICE-2209241394 (1) NABL ULR No. :TC592622000013382F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

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

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)	Code No.	
f)	Batch Number #	NA
g)	D.O.M #	NA
h)	Date of Expiry #	NA
i)	Sample Quantity #	2 Ltr
j)	Batch Size/Location #	NA
k)	Mode of Packing	Packed in bottles
l)	Date of Receipt	19-09-2022
m)	Date of Start	19-09-2022
n)	Date of Completion	24-09-2022
o)	Seal (Intact/Not Intact/Unsealed)	NA
p)	IO'S Signature (Signed/Unsigned)	Unsigned
q)	Any Other Information	Sample collected by lab rep. on dated-16.09.2022
r)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)


 Saurabh Sharma
 24-09-2022
 Reviewer


 24-09-2022
 PremKumar
 [Authorized Signatory]

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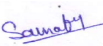
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2209190663 Sample Reg. Date :19-09-2022 Report Date :24-09-2022 Report No. :ICE-2209241394 (1) NABL ULR No. :TC592622000013382F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

s)	Manufactured By #	NA
t)	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
	Discipline : Chemical			
	Group : Pollution & Environment			
1.	General Parameters			
a.	Colour	IS: 3025 (P-4)-2021		Colourless
b.	pH Value	IS: 3025 (Part 11): 2017		8.28
c.	Total Suspended Solids,(mg/L)	IS 3025 (Part 17): 2017		3
d.	Total Dissolved Solids (mg/L)	IS 3025 (Part 16) : 2017	-	592
e.	Chemical Oxygen Demand(mg/L)	IS 3025 (Part 58) : 2017		BLQ(LOQ:4.0)
f.	Bio-chemical Oxygen Demand, mg/L (3 days at 27°C)	IS 3025 (Part 44) : 2019		BLQ(LOQ:1.0)
g.	Oil & Grease(mg/L)	IS 3025 (Part 39) : 2021		<4.0
h.	Zinc(As Zn)(mg/L)	IS:3025 (Part-2): 2019		BLQ(LOQ:0.05)
i.	Arsenic(as As)(mg/L)	IS:3025 (Part-2): 2019		BLQ(LOQ:0.05)


Saurabh Sharma
24-09-2022
Reviewer


24-09-2022
PremKumar
[Authorized Signatory]

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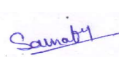
j.	Total Chromium as Cr (mg/L)	IS:3025 (Part-2): 2019	BLQ(LOQ:0.05)
k.	Cyanide as CN,(mg/L)	IS 3025 (Part 27): 2019	Absent
l.	Iron(as Fe)(mg/L)	IS:3025 (Part-2): 2019	BLQ(LOQ:0.05)
m.	Temperature(°C)	IS 3025 (Part 9): 2017	28
n.	Free Residual Chlorine (mg/L)	IS: 3025 (P-26): 2021	BLQ(LOQ:1.0)
o.	Total Phosphate(as P)(mg/L)	APHA 23rd Edition 4500 - P D: 2017	0.10

represents categories/test parameters not covered under NABL *#* 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
 24-09-2022
 Reviewer


 24-09-2022
 PremKumar
 [Authorized Signatory]

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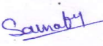
Page 1 of 2

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

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)	Code No.	
f)	Batch Number #	NA
g)	D.O.M #	NA
h)	Date of Expiry #	NA
i)	Sample Quantity #	2 Ltr
j)	Batch Size/Location #	NA
k)	Mode of Packing	Packed in bottles
l)	Date of Receipt	19-09-2022
m)	Date of Start	19-09-2022
n)	Date of Completion	24-09-2022
o)	Seal (Intact/Not Intact/Unsealed)	NA
p)	IO'S Signature (Signed/Unsigned)	Unsigned
q)	Any Other Information	Sample collected by lab rep. on dated-16.09.2022
r)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
s)	Manufactured By #	NA
t)	Supplied By #	NA


Saurabh Sharma
24-09-2022
Reviewer


24-09-2022
PremKumar
[Authorized Signatory]

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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

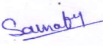
Description				
Description		ETP Inlet Water		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Pollution & Environment			
1.	General Parameters			
a.	Odour.	IS: 3025 (P-5)-2018		None

'#' 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
24-09-2022
Reviewer


24-09-2022
PremKumar
[Authorized Signatory]

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Test Report

Document QF : 2501

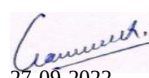
Page 1 of 3

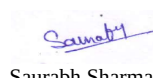
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2209190666 Sample Reg. Date :19-09-2022 Report Date :27-09-2022 Report No. :ICE-2209271506 NABL ULR No. :TC592622000013482F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

Test Report as per IS: EPA Act 1986/PCLS/2010	With Amendment No.(s):

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 #	1 Ltr
k)	Batch Size/Location #	NA
l)	Mode of Packing	Packed in bottles
m)	Date of Receipt	19-09-2022
n)	Date of Start	19-09-2022
o)	Date of Completion	27-09-2022
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample Collected by rel.rep.on: 16.09.2022


27-09-2022
Gaurav Khandelwal
[Authorized Signatory]


Saurabh Sharma
27-09-2022
Reviewer


27-09-2022
PremKumar
[Authorized Signatory]

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Test Report

Document QF : 2501

Page 2 of 3

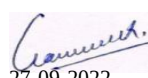
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2209190666 Sample Reg. Date :19-09-2022 Report Date :27-09-2022 Report No. :ICE-2209271506 NABL ULR No. :TC592622000013482F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

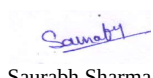
s)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
t)	Manufactured By [#]	NA
u)	Supplied By [#]	NA

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
Discipline : Chemical				
Group : Pollution & Environment				
1. General Parameters				
a.	Nitrate as NO ₃ (mg/L)	IS 3025 (Part 34) : 2019	Max. 10	BLQ(LOQ:1.0)
b.	Sodium(as Na)(mg/L)	IS 3025(Part 45): 2019	Not Specified	68.2
c.	Potassium as K,(mg/L)	APHA 23rd Edition-3500K B: 2017	Not Specified	7.6
d.	Calcium(as Ca)(mg/L)	IS 3025 (Part 40): 2019	Not Specified	32.96
e.	Magnesium as Mg(mg/L)	IS: 3025 Part 46): 2019	Not Specified	2.2
f.	Phosphate(as PO ₄), mg/L	APHA 23rd Edition 4500 - P D: 2017	Max. 5.0	BLQ9LOQ:0.1)
Discipline : Biological				


27-09-2022
Gaurav Khandelwal
[Authorized Signatory]


Saurabh Sharma
27-09-2022
Reviewer


27-09-2022
PremKumar
[Authorized Signatory]

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Test Report

Document QF : 2501

Page 3 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2209190666 Sample Reg. Date :19-09-2022 Report Date :27-09-2022 Report No. :ICE-2209271506 NABL ULR No. :TC592622000013482F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

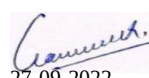
	Group : Pollution & Environment			
1.	Microbiological Tests			
a.	Faecal Coliform, MPN/100ml	APHA-23 rd Edn 17-9221 F	Not Specified	406
b.	E. Coli MPN/100ml	APHA-23 rd Edn 17-9221 F	Not Specified	170
c.	Total Coliform (MPN/100ml)	APHA-23 rd Edn 17-9221 F	Not Specified	540

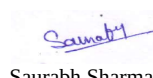
'#' represents Customer Defined Fields

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

REMARKS : N/A

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


27-09-2022
Gaurav Khandelwal
[Authorized Signatory]


Saurabh Sharma
27-09-2022
Reviewer


27-09-2022
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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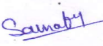
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2209190665 Sample Reg. Date :19-09-2022 Report Date :30-09-2022 Report No. :ICE-2209301833 (2) Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

Test Report as per IS: EPA Act 1986/PCLS/2010	With Amendment No.(s):

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 Ltr
k)	Batch Size/Location #	NA
l)	Mode of Packing	Packed in bottles
m)	Date of Receipt	19-09-2022
n)	Date of Start	19-09-2022
o)	Date of Completion	30-09-2022
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample collected by lab rep. on 16.09.2022
s)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
t)	Manufactured By #	NA


Saurabh Sharma
30-09-2022
Reviewer


30-09-2022
PremKumar
[Authorized Signatory]

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Test Report

Document QF : 2501

Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2209190665 Sample Reg. Date :19-09-2022 Report Date :30-09-2022 Report No. :ICE-2209301833 (2) Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

u)	Supplied By #	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

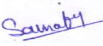
Description				
Description		ETP Outlet Water		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Pollution & Environment			
1.	General Parameters			
a.	Odour.	IS: 3025 (P-5)-2018	Not Specified	None

'#' 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
30-09-2022
Reviewer


30-09-2022
PremKumar
[Authorized Signatory]

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Test Report

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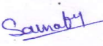
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2209190667 Sample Reg. Date :19-09-2022 Report Date :24-09-2022 Report No. :ICE-2209241395 (2) Customer Ref. No.: Order No.5030010814 Letter Dated :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	NA
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	19-09-2022
n)	Date of Start	19-09-2022
o)	Date of Completion	24-09-2022
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	DOS: 16.09.2022
s)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
t)	Manufactured By #	NA


Saurabh Sharma
24-09-2022
Reviewer


24-09-2022
PremKumar
[Authorized Signatory]

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Test Report

Document QF : 2501

Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2209190667 Sample Reg. Date :19-09-2022 Report Date :24-09-2022 Report No. :ICE-2209241395 (2) Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

u)	Supplied By #	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

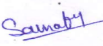
Description				
Description		STP Inlet Water (Plant)		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Pollution & Environment			
1.	General Parameters			
a.	Odour.	IS: 3025 (P-5)-2018		None

'#' 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
24-09-2022
Reviewer


24-09-2022
PremKumar
[Authorized Signatory]

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Test Report

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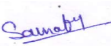
Page 1 of 3

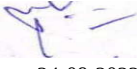
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2209190667 Sample Reg. Date :19-09-2022 Report Date :24-09-2022 Report No. :ICE-2209241395 (1) NABL ULR No. :TC592622000013378F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

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	NA
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	19-09-2022
n)	Date of Start	19-09-2022
o)	Date of Completion	24-09-2022
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	DOS: 16.09.2022


Saurabh Sharma
24-09-2022
Reviewer


24-09-2022
PremKumar
[Authorized Signatory]

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Test Report

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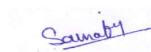
Page 2 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2209190667 Sample Reg. Date :19-09-2022 Report Date :24-09-2022 Report No. :ICE-2209241395 (1) NABL ULR No. :TC592622000013378F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

s)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
t)	Manufactured By [#]	NA
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


Saurabh Sharma
24-09-2022
Reviewer


24-09-2022
PremKumar
[Authorized Signatory]

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Test Report

Document QF : 2501

Page 3 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2209190667 Sample Reg. Date :19-09-2022 Report Date :24-09-2022 Report No. :ICE-2209241395 (1) NABL ULR No. :TC592622000013378F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

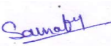
Description				
Description	STP Inlet Water (Plant)			
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Pollution & Environment				
1. General Parameters				
a.	Colour	IS: 3025 (P-4)-2021		Light Yellowish
b.	pH Value	IS: 3025 (Part 11): 2017		6.98
c.	Total Suspended Solids,(mg/L)	IS 3025 (Part 17): 2017		92
d.	Total Dissolved Solids (mg/L)	IS 3025 (Part 16) : 2017	-	514
e.	Chemical Oxygen Demand(mg/L)	IS 3025 (Part 58) : 2017		143
f.	Bio-chemical Oxygen Demand, mg/L (3 days at 27°C)	IS 3025 (Part 44) : 2019		42
g.	Oil & Grease(mg/L)	IS 3025 (Part 39) : 2021		<4.0
h.	Free Residual Chlorine (mg/L)	IS: 3025 (P-26): 2021		BLQ(LOQ:1.0)

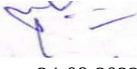
represents categories/test parameters not covered under NABL *#* represents Customer Defined Fields

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
 24-09-2022
 Reviewer


 24-09-2022
 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

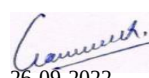
Page 1 of 3

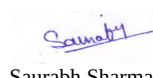
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2209190668 Sample Reg. Date :19-09-2022 Report Date :26-09-2022 Report No. :ICE-2209261448 NABL ULR No. :TC592622000013438F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

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 #	1 Ltr
k)	Batch Size/Location #	NA
l)	Mode of Packing	Packed in bottles
m)	Date of Receipt	19-09-2022
n)	Date of Start	19-09-2022
o)	Date of Completion	26-09-2022
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample Collected by lab.rep.on Dated: 16.09.2022


26-09-2022
Gaurav Khandelwal
[Authorized Signatory]


Saurabh Sharma
26-09-2022
Reviewer


26-09-2022
PremKumar
[Authorized Signatory]

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Test Report

Document QF : 2501

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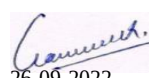
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2209190668 Sample Reg. Date :19-09-2022 Report Date :26-09-2022 Report No. :ICE-2209261448 NABL ULR No. :TC592622000013438F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

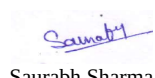
s)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
t)	Manufactured By [#]	NA
u)	Supplied By [#]	NA

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	: Graph
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
Discipline : Chemical				
Group : Pollution & Environment				
1.	General Parameters			
a.	Nitrate as NO ₃ (mg/L)	IS 3025 (Part 34) : 2019		BLQ(LOQ:1.0)
b.	Calcium(as Ca)(mg/L)	IS 3025 (Part 40): 2019	-	29.8
c.	Magnesium as Mg(mg/L)	IS: 3025 Part 46): 2019	-	10.47
d.	Sodium(as Na)(mg/L)	IS 3025(Part 45): 2019	-	21.8
e.	Potassium as K,(mg/L)	APHA 23rd Edition-3500K B: 2017		0.34
f.	Phosphate as PO ₄ (mg/L)	APHA 23rd Edition 4500 - P D: 2017		BLQ(LOQ:0.3)
Discipline : Biological				


26-09-2022
Gaurav Khandelwal
[Authorized Signatory]


Saurabh Sharma
26-09-2022
Reviewer


26-09-2022
PremKumar
[Authorized Signatory]

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Document QF : 2501

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2209190668 Sample Reg. Date :19-09-2022 Report Date :26-09-2022 Report No. :ICE-2209261448 NABL ULR No. :TC592622000013438F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

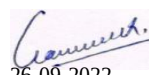
Group : Pollution & Environment				
1. Microbiological Tests				
a.	Faecal Coliforms, (MPN/100mL)	APHA-23 rd Edn 17-9221 F		1.1 x 10 ⁶
b.	E.coli, (MPN/100mL)	APHA-23 rd Edn 17-9221 F		9.3 x 10 ⁵
c.	Total Coliform (MPN/100ml)	APHA-23 rd Edn 17-9221 F		2.0 x 10 ⁶

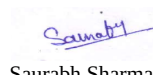
'#' represents Customer Defined Fields

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*****


26-09-2022
Gaurav Khandelwal
[Authorized Signatory]


Saurabh Sharma
26-09-2022
Reviewer


26-09-2022
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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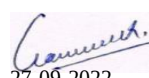
Page 1 of 3

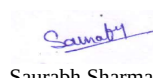
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2209190670 Sample Reg. Date :19-09-2022 Report Date :27-09-2022 Report No. :ICE-2209271504 NABL ULR No. :TC592622000013481F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per IS: EPA Act 1986/PCLS/2010	With Amendment No.(s):

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	19-09-2022
n)	Date of Start	19-09-2022
o)	Date of Completion	27-09-2022
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample Collected by lab.rep.on: 16.09.2022


27-09-2022
Gaurav Khandelwal
[Authorized Signatory]


Saurabh Sharma
27-09-2022
Reviewer


27-09-2022
PremKumar
[Authorized Signatory]

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Test Report

Document QF : 2501

Page 2 of 3

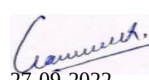
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2209190670 Sample Reg. Date :19-09-2022 Report Date :27-09-2022 Report No. :ICE-2209271504 NABL ULR No. :TC592622000013481F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

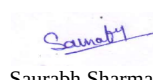
s)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
t)	Manufactured By [#]	NA
u)	Supplied By [#]	NA

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
Discipline : Chemical				
Group : Pollution & Environment				
1. General Parameters				
a.	Nitrate as NO ₃ (mg/L)	IS 3025 (Part 34) : 2019	Max. 10	BLQ(LOQ:1.0)
b.	Calcium(as Ca)(mg/L)	IS 3025 (Part 40): 2019	Not Specified	29.82
c.	Magnesium as Mg(mg/L)	IS: 3025 Part 46): 2019	Not Specified	12.3
d.	Sodium(as Na)(mg/L)	IS 3025(Part 45): 2019	Not Specified	69.1
e.	Potassium as K,(mg/L)	APHA 23rd Edition-3500K B: 2017	Not Specified	6.8
f.	Phosphate(as PO ₄), mg/L	APHA 23rd Edition 4500 - P D: 2017	Max. 5.0	BLQ(LOQ:0.12)
Discipline : Biological				


 27-09-2022
 Gaurav Khandelwal
 [Authorized Signatory]


 Saurabh Sharma
 27-09-2022
 Reviewer


 27-09-2022
 PremKumar
 [Authorized Signatory]

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2209190670 Sample Reg. Date :19-09-2022 Report Date :27-09-2022 Report No. :ICE-2209271504 NABL ULR No. :TC592622000013481F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

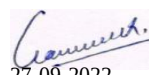
Group : Pollution & Environment				
1. Microbiological Tests				
a.	Faecal Coliform, MPN/100ml	APHA-23 rd Edn 17-9221 F	Max. 1000	430
b.	E.coli, (MPN/100mL)	APHA 23rd Edn 17-9221 E	Not Specified	220
c.	Total Coliform (MPN/100ml)	APHA-23 rd Edn 17-9221 F	Not Specified	920

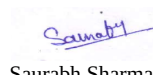
'#' represents Customer Defined Fields

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*****


27-09-2022
Gaurav Khandelwal
[Authorized Signatory]


Saurabh Sharma
27-09-2022
Reviewer


27-09-2022
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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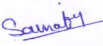
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2209190669 Sample Reg. Date :19-09-2022 Report Date :24-09-2022 Report No. :ICE-2209241381 (2) Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

Test Report as per IS: EPA Act 1986/PCLS/2010	With Amendment No.(s):

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	19-09-2022
n)	Date of Start	19-09-2022
o)	Date of Completion	24-09-2022
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample collected by lab rep. on dated -16.09.2022
s)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
t)	Manufactured By #	NA


Saurabh Sharma
24-09-2022
Reviewer


24-09-2022
PremKumar
[Authorized Signatory]

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Test Report

Document QF : 2501

Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2209190669 Sample Reg. Date :19-09-2022 Report Date :24-09-2022 Report No. :ICE-2209241381 (2) Customer Ref. No.: Order No.5030010814 Letter Dated :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

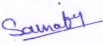
Description				
Description		STP Outlet Water (Plant)		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	General Parameters			
a.	Odour.	IS 3025 (Part 5) : 2018	Not Specified	None

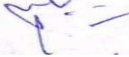
'#' represents Customer Defined Fields

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
24-09-2022
Reviewer


24-09-2022
PremKumar
[Authorized Signatory]

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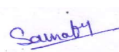
Page 1 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2209190669 Sample Reg. Date :19-09-2022 Report Date :24-09-2022 Report No. :ICE-2209241381 (1) NABL ULR No. :TC592622000013377F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

Test Report as per IS: EPA Act 1986/PCLS/2010	With Amendment No.(s):

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	19-09-2022
n)	Date of Start	19-09-2022
o)	Date of Completion	24-09-2022
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample collected by lab rep. on dated -16.09.2022


Saurabh Sharma
24-09-2022
Reviewer


24-09-2022
PremKumar
[Authorized Signatory]

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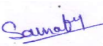
Page 2 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2209190669 Sample Reg. Date :19-09-2022 Report Date :24-09-2022 Report No. :ICE-2209241381 (1) NABL ULR No. :TC592622000013377F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

s)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
t)	Manufactured By [#]	NA
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


Saurabh Sharma
24-09-2022
Reviewer


24-09-2022
PremKumar
[Authorized Signatory]

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Test Report

Document QF : 2501

Page 3 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2209190669 Sample Reg. Date :19-09-2022 Report Date :24-09-2022 Report No. :ICE-2209241381 (1) NABL ULR No. :TC592622000013377F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

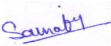
Description				
Description		STP Outlet Water (Plant)		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	General Parameters			
a.	Colour	IS 3025 (Part 4) : 2021	Not Specified	Colourless
b.	pH Value	IS: 3025 (Part 11): 2017	6.5-9	7.85
c.	Total Suspended Solids,(mg/L)	IS 3025 (Part 17): 2017	Max. 100	12
d.	Total Dissolved Solids (mg/L)	IS 3025 (Part 16) : 2017	Not Specified	490
e.	Chemical Oxygen Demand(mg/L)	IS 3025 (Part 58) : 2017	Not Specified	33
f.	Bio-chemical Oxygen Demand, mg/L (3 days at 27°C)	IS 3025 (Part 44) : 2019	Max. 30	12
g.	Oil & Grease(mg/L)	IS 3025 (Part 39) : 2021	Max. 10	<4.0
h.	Free Residual Chlorine (mg/L)	IS: 3025 (Part 26)-2021	Max. 1.0	BLQ(LOQ:1.0)

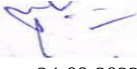
represents categories/test parameters not covered under NABL *#* represents Customer Defined Fields

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
 24-09-2022
 Reviewer


 24-09-2022
 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

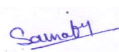
Page 1 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2209190671 Sample Reg. Date :19-09-2022 Report Date :24-09-2022 Report No. :ICE-2209241396 (1) NABL ULR No. :TC592622000013374F Customer Ref. No.: Order No.5030010814 Letter Dated :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 (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	19-09-2022
n)	Date of Start	19-09-2022
o)	Date of Completion	24-09-2022
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	DOS: 16.09.2022


Saurabh Sharma
24-09-2022
Reviewer


24-09-2022
PremKumar
[Authorized Signatory]

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Test Report

Document QF : 2501

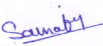
Page 2 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2209190671 Sample Reg. Date :19-09-2022 Report Date :24-09-2022 Report No. :ICE-2209241396 (1) NABL ULR No. :TC592622000013374F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

s)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
t)	Manufactured By [#]	NA
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


Saurabh Sharma
24-09-2022
Reviewer


24-09-2022
PremKumar
[Authorized Signatory]

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Test Report

Document QF : 2501

Page 3 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2209190671 Sample Reg. Date :19-09-2022 Report Date :24-09-2022 Report No. :ICE-2209241396 (1) NABL ULR No. :TC592622000013374F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

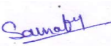
Description				
Description	STP Inlet Water (Township)			
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Pollution & Environment				
1. General Parameters				
a.	Colour	IS: 3025 (P-4)-2021		Yellowish
b.	pH Value	IS: 3025 (Part 11): 2017		7.11
c.	Total Suspended Solids,(mg/L)	IS 3025 (Part 17): 2017		118
d.	Total Dissolved Solids (mg/L)	IS 3025 (Part 16) : 2017	-	603
e.	Chemical Oxygen Demand(mg/L)	IS 3025 (Part 58) : 2017		188
f.	Bio-chemical Oxygen Demand, mg/L (3 days at 27°C)	IS 3025 (Part 44) : 2019		76
g.	Oil & Grease(mg/L)	IS 3025 (Part 39) : 2021		8.4
h.	Free Residual Chlorine (mg/L)	IS: 3025 (P-26): 2021		BLQ(LOQ:1.0)

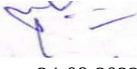
represents categories/test parameters not covered under NABL *#* represents Customer Defined Fields

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
24-09-2022
Reviewer


24-09-2022
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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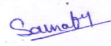
Page 1 of 2

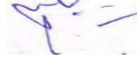
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2209190671 Sample Reg. Date :19-09-2022 Report Date :24-09-2022 Report No. :ICE-2209241396 (2) Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

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

PART A : PARTICULARS OF SAMPLE SUBMITTED

a)	Nature of Sample #	STP Inlet Water (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	19-09-2022
n)	Date of Start	19-09-2022
o)	Date of Completion	24-09-2022
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	DOS: 16.09.2022
s)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
t)	Manufactured By #	NA


Saurabh Sharma
24-09-2022
Reviewer


24-09-2022
PremKumar
[Authorized Signatory]

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Test Report

Document QF : 2501

Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2209190671 Sample Reg. Date :19-09-2022 Report Date :24-09-2022 Report No. :ICE-2209241396 (2) Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

u)	Supplied By #	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

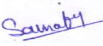
Description				
Description		STP Inlet Water (Township)		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Pollution & Environment			
1.	General Parameters			
a.	Odour.	IS: 3025 (P-5)-2018		Musty

'#' 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
24-09-2022
Reviewer


24-09-2022
PremKumar
[Authorized Signatory]

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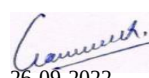
Page 1 of 3

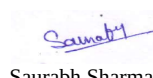
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2209190672 Sample Reg. Date :19-09-2022 Report Date :26-09-2022 Report No. :ICE-2209261446 NABL ULR No. :TC592622000013439F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

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

PART A : PARTICULARS OF SAMPLE SUBMITTED

a)	Nature of Sample #	STP Inlet Water (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	19-09-2022
n)	Date of Start	19-09-2022
o)	Date of Completion	26-09-2022
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample Collected by lab.rep.on Dated : 16.09.2022


26-09-2022
Gaurav Khandelwal
[Authorized Signatory]


Saurabh Sharma
26-09-2022
Reviewer


26-09-2022
PremKumar
[Authorized Signatory]

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Test Report

Document QF : 2501

Page 2 of 3

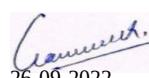
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2209190672 Sample Reg. Date :19-09-2022 Report Date :26-09-2022 Report No. :ICE-2209261446 NABL ULR No. :TC592622000013439F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

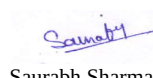
s)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
t)	Manufactured By [#]	NA
u)	Supplied By [#]	NA

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
Discipline : Chemical				
Group : Pollution & Environment				
1. General Parameters				
a.	Nitrate as NO ₃ (mg/L)	IS 3025 (Part 34) : 2019		BLQ(LOQ:1.0)
b.	Calcium(as Ca)(mg/L)	IS 3025 (Part 40): 2019	-	125.5
c.	Magnesium as Mg(mg/L)	IS: 3025 Part 46): 2019	-	13.2
d.	Sodium(as Na)(mg/L)	IS 3025(Part 45): 2019	-	66
e.	Potassium as K,(mg/L)	APHA 23rd Edition-3500K B: 2017		7.6
f.	Phosphate as PO ₄ (mg/L)	APHA 23rd Edition 4500 - P D: 2017		BLQ(LOQ:0.3)
Discipline : Biological				


26-09-2022
Gaurav Khandelwal
[Authorized Signatory]


Saurabh Sharma
26-09-2022
Reviewer


26-09-2022
PremKumar
[Authorized Signatory]

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Test Report

Document QF : 2501

Page 3 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2209190672 Sample Reg. Date :19-09-2022 Report Date :26-09-2022 Report No. :ICE-2209261446 NABL ULR No. :TC592622000013439F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

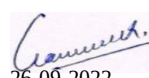
Group : Pollution & Environment
1. Microbiological Tests
a. Faecal Coliforms, (MPN/100mL) APHA-23 rd Edn 17-9221 F 1.7 x 10 ⁶
b. <i>E.coli</i> , (MPN/100mL) APHA-23 rd Edn 17-9221 F 1.4 x 10 ⁶
c. Total Coliform (MPN/100ml) APHA-23 rd Edn 17-9221 F 2.7 x 10 ⁶

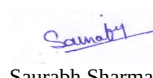
'#' represents Customer Defined Fields

NOTE : NA- Not Applicable , Sampling Procedure - SOP/ITC/EW/030, Purpose-For Self Monitoring

REMARKS : N/A

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


 26-09-2022
 Gaurav Khandelwal
 [Authorized Signatory]


 Saurabh Sharma
 26-09-2022
 Reviewer


 26-09-2022
 PremKumar
 [Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.
 86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)
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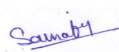
Page 1 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2209190673 Sample Reg. Date :19-09-2022 Report Date :24-09-2022 Report No. :ICE-2209241398 (1) NABL ULR No. :TC592622000013379F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per IS: EPA Act 1986/PCLS/2010	With Amendment No.(s):

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	19-09-2022
n)	Date of Start	19-09-2022
o)	Date of Completion	24-09-2022
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample Collected by lab.rep.Dated -16-09-2022


Saurabh Sharma
24-09-2022
Reviewer


24-09-2022
PremKumar
[Authorized Signatory]

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Test Report

Document QF : 2501

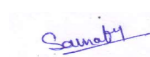
Page 2 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2209190673 Sample Reg. Date :19-09-2022 Report Date :24-09-2022 Report No. :ICE-2209241398 (1) NABL ULR No. :TC592622000013379F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

s)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
t)	Manufactured By [#]	NA
u)	Supplied By [#]	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


Saurabh Sharma
24-09-2022
Reviewer


24-09-2022
PremKumar
[Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.

86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)
Panchkula-134109 (Haryana)
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Email : customersupport@itclabs.com
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Test Report

Document QF : 2501

Page 3 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2209190673 Sample Reg. Date :19-09-2022 Report Date :24-09-2022 Report No. :ICE-2209241398 (1) NABL ULR No. :TC592622000013379F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

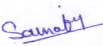
Description				
Description	STP Outlet Water			
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Pollution & Environment				
1. General Parameters				
a.	Colour	IS 3025 (Part 4) : 2021	Not Specified	Colourless
b.	pH Value	IS: 3025 (Part 11): 2017	6.5-9	7.00
c.	Total Suspended Solids,(mg/L)	IS 3025 (Part 17): 2017	Max. 100	24
d.	Total Dissolved Solids (mg/L)	IS 3025 (Part 16) : 2017	Not Specified	526
e.	Chemical Oxygen Demand(mg/L)	IS 3025 (Part 58) : 2017	Not Specified	61
f.	Bio-chemical Oxygen Demand, mg/L (3 days at 27°C)	IS 3025 (Part 44) : 2019	Max. 30	20
g.	Oil & Grease(mg/L)	IS 3025 (Part 39) : 2021	Max. 10	<4.0
h.	Free Residual Chlorine (mg/L)	IS: 3025 (Part 26)-2021	Max. 1.0	BLQ(LOQ:1.0)

represents categories/test parameters not covered under NABL *#* 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
 24-09-2022
 Reviewer


 24-09-2022
 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

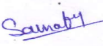
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2209190673 Sample Reg. Date :19-09-2022 Report Date :24-09-2022 Report No. :ICE-2209241398 (2) Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

Test Report as per IS: EPA Act 1986/PCLS/2010	With Amendment No.(s):

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	19-09-2022
n)	Date of Start	19-09-2022
o)	Date of Completion	24-09-2022
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample Collected by lab.rep.Dated -16-09-2022
s)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
t)	Manufactured By #	NA


Saurabh Sharma
24-09-2022
Reviewer


24-09-2022
PremKumar
[Authorized Signatory]

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Test Report

Document QF : 2501

Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2209190673 Sample Reg. Date :19-09-2022 Report Date :24-09-2022 Report No. :ICE-2209241398 (2) Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

u)	Supplied By #	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

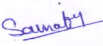
Description				
Description		STP Outlet Water		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Pollution & Environment			
1.	General Parameters			
a.	Odour.	IS 3025 (Part 5) : 2018	Not Specified	None

'#' 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
24-09-2022
Reviewer


24-09-2022
PremKumar
[Authorized Signatory]

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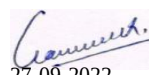
Page 1 of 3

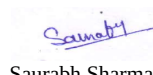
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2209190674 Sample Reg. Date :19-09-2022 Report Date :27-09-2022 Report No. :ICE-2209271502 NABL ULR No. :TC592622000013478F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per IS: EPA Act 1986/PCLS/2010	With Amendment No.(s):

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	19-09-2022
n)	Date of Start	19-09-2022
o)	Date of Completion	27-09-2022
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample Collected by lab.rep.on : 16.09.2022


27-09-2022
Gaurav Khandelwal
[Authorized Signatory]


Saurabh Sharma
27-09-2022
Reviewer


27-09-2022
PremKumar
[Authorized Signatory]

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Test Report

Document QF : 2501

Page 2 of 3

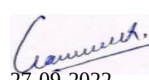
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2209190674 Sample Reg. Date :19-09-2022 Report Date :27-09-2022 Report No. :ICE-2209271502 NABL ULR No. :TC592622000013478F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

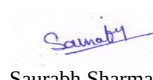
s)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
t)	Manufactured By [#]	NA
u)	Supplied By [#]	NA

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		Colourless Liquid		
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Pollution & Environment				
1. General Parameters				
a.	Nitrate as NO ₃ (mg/L)	IS 3025 (Part 34) : 2019	Max. 10	BLQ(LOQ:1.0)
b.	Calcium(as Ca)(mg/L)	IS 3025 (Part 40): 2019	Not Specified	37.66
c.	Magnesium as Mg(mg/L)	IS: 3025 Part 46): 2019	Not Specified	5.73
d.	Sodium(as Na)(mg/L)	IS 3025(Part 45): 2019	Not Specified	16.4
e.	Potassium as K,(mg/L)	APHA 23rd Edition-3500K B: 2017	Not Specified	4.5
f.	Phosphate(as PO ₄), mg/L	APHA 23rd Edition 4500 - P D: 2017	Max. 5.0	BLQ(LOQ:0.1)
Discipline : Biological				


27-09-2022
Gaurav Khandelwal
[Authorized Signatory]


Saurabh Sharma
27-09-2022
Reviewer


27-09-2022
PremKumar
[Authorized Signatory]

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Test Report

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Page 3 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2209190674 Sample Reg. Date :19-09-2022 Report Date :27-09-2022 Report No. :ICE-2209271502 NABL ULR No. :TC592622000013478F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

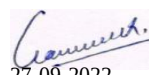
Group : Pollution & Environment				
1. Microbiological Tests				
a.	Faecal Coliform, MPN/100ml	APHA-23 rd Edn 17-9221 F	Max. 1000	809
b.	E.coli, (MPN/100mL)	APHA 23rd Edn 17-9221 E	Not Specified	540
c.	Total Coliform (MPN/100ml)	APHA-23 rd Edn 17-9221 F	Not Specified	938

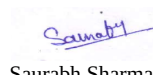
'#' represents Customer Defined Fields

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*****


27-09-2022
Gaurav Khandelwal
[Authorized Signatory]


Saurabh Sharma
27-09-2022
Reviewer


27-09-2022
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

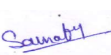
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Test Report

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Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2209200715 Sample Reg. Date :20-09-2022 Report Date :22-09-2022 Report No. :ICE-2209221097 NABL ULR No. :TC592622000013228F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020
Test Report as per :	: EPA Act 1986/PCLS/2010
Sampling Information :	
Name of Sample	: Ambient Noise
Date of Monitoring	: 16-09-2022
Time of Monitoring	: Day & Night
Nature of Industry	: Thermal Power Plant
Purpose of Monitoring	: For Self Monitoring


Saurabh Sharma
22-09-2022
Reviewer


22-09-2022
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 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2209200715 Sample Reg. Date :20-09-2022 Report Date :22-09-2022 Report No. :ICE-2209221097 NABL ULR No. :TC592622000013228F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

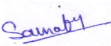
Description				
Description	Noise for 4 Locations			
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Atmospheric Pollution				
1.	Location Name			
a.	Near Gate No.1 (Day Time), Leq dB (A)	IS:9989(RA 2014)	Max. 75.0	55.2
b.	Near Gate No.1 (Night Time), Leq dB (A)	IS:9989(RA 2014)	Max. 70.0	49.3
c.	Near Gate No.2 (Day Time), Leq dB (A)	IS:9989(RA 2014)	Max. 75.0	52.8
d.	Near Gate No.2 (Night Time), Leq dB (A)	IS:9989(RA 2014)	Max. 70.0	48.7
e.	Near Gate No.3 (Day Time), Leq dB (A)	IS:9989(RA 2014)	Max. 75.0	56.6
f.	Near Gate No.3 (Night Time), Leq dB (A)	IS:9989(RA 2014)	Max. 70.0	46.9
g.	Near Guest House (Day Time), Leq dB (A)	IS:9989(RA 2014)	Max. 75.0	59.2
h.	Near Guest House (Night Time), Leq dB (A)	IS:9989(RA 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
22-09-2022
Reviewer


22-09-2022
PremKumar
[Authorized Signatory]

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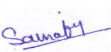
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2209200709 Sample Reg. Date :20-09-2022 Report Date :22-09-2022 Report No. :ICE-2209221082 NABL ULR No. :TC592622000013203F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: EPA Act 1986/PCLS/2010,G.S.R 281(E),Dated- 07.03.2016
Sampling Information :	
Date of Monitoring	: 16-09-2022
Time of Monitoring	: 15:40 hrs
Purpose of Monitoring	: For Self Monitoring
Source of Noise Pollution Monitored	: DG Set-1(1600 kVA)
Engine No.	: 16171
Make	: MITSUBISHI HEAVY INDUSTRIES LTD.
Date of mfg of DG Set	: 04-2010
Date of Installation	: Not provided by party
Type approval No.	: Not provided by party
Pollution Control Device (if any)	: Acoustic Room
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
	Discipline : Chemical			


Saurabh Sharma
22-09-2022
Reviewer


22-09-2022
PremKumar
[Authorized Signatory]

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Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2209200709 Sample Reg. Date :20-09-2022 Report Date :22-09-2022 Report No. :ICE-2209221082 NABL ULR No. :TC592622000013203F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Group : Atmospheric Pollution				
1. General Parameters				
a.	Open Door at 0.5 meter away from Acoustic Enclosure, dB (A)	CPCB Guidelines	--	97.7
b.	Closed Door at 0.5 meter away from Acoustic Enclosure, dB (A)	CPCB Guidelines	Max. 75.0	72.7
c.	Insertion Loss	CPCB Guidelines	Min. 25.0	25.0

'#' 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
22-09-2022
Reviewer


22-09-2022
PremKumar
[Authorized Signatory]

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Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2209200710 Sample Reg. Date :20-09-2022 Report Date :22-09-2022 Report No. :ICE-2209221083 NABL ULR No. :TC592622000013218F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: EPA Act 1986/PCLS/2010,G.S.R 281(E),Dated- 07.03.2016
Sampling Information :	
Date of Monitoring	: 16-09-2022
Time of Monitoring	: 16:10 hrs
Purpose of Monitoring	: For Self Monitoring
Source of Noise Pollution Monitored	: DG Set -2 (1600 kVA)
Engine No.	: 16386
Make	: MITSUBISHI HEAVY INDUSTRIES LTD.
Date of mfg of DG Set	: 05-2010
Date of Installation	: Not provided by party
Type approval No.	: Not provided by party
Pollution Control Device (if any)	: Acoustic Room
Stack Height from Ground level to Top,m	: 9.5
Stack Height from Roof level,m	: -
Location of noise Generating Source	: Nil

Description				
Description		Noise DG Set-2 (1600 kVA) Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			

Saurabh
Saurabh Sharma
22-09-2022
Reviewer

PremKumar
22-09-2022
PremKumar
[Authorized Signatory]

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Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2209200710 Sample Reg. Date :20-09-2022 Report Date :22-09-2022 Report No. :ICE-2209221083 NABL ULR No. :TC592622000013218F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

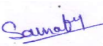
Group : Atmospheric Pollution				
1. General Parameters				
a.	Open Door at 0.5 meter away from Acoustic Enclosure, dB (A)	CPCB Guidelines	--	102.1
b.	Closed Door at 0.5 meter away from Acoustic Enclosure, dB (A)	CPCB Guidelines	Max. 75.0	74.7
c.	Insertion Loss	CPCB Guidelines	Min. 25.0	24.4

'#' 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
22-09-2022
Reviewer


22-09-2022
PremKumar
[Authorized Signatory]

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Annexure-IV

E N E R G Y

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	July '22 to September '22	34.60 %	Almost 100% of the generated ash has been utilized

Note: MGTPP's operates on the domestic coal supplied under linkage provided by GOI/CIL subsidies an blending of imported coal in small proportion. The entire domestic coal burnt during the last quarter came though 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.

Consent Under	BOTH
Period of consent	01/10/2021 - 30/09/2026
Industry Type	Thermal Power Plants
Category	RED
Investment(In Lakh)	531943.19
Total Land Area(Sq. meter)	4965493.0
Total Builtup Area(Sq. meter)	1905000.0
Quantity of effluent	
1. Trade	2400.0 KL/Day
2. Domestic	400.0 KL/Day
Number of outlets	3.0
Mode of discharge	
1. Domestic	STP
2. Trade	ETP
Domestic Effluent Parameters	
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
Trade Effluent Parameters	
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
Height of stack	
1 . S T A C K A T T A C H E D T O S T E A M G E N E R A T O R N O . 1	275 METERS
2 . S T A C K A T T A C H E D T O S T E A M G E N E R A T O R N O . 2	275 METERS
Emission parameters	
1. SPM	50 mg/m3
2. NOX	mg/m3
3. SOX	mg/m3
Product Details	
1. Electricity Generation	1320 Megawatt
Capacity of boiler	
1. COAL FIRED STEAM GENERATOR NO.1	9000 Ton/hr
2. COAL FIRED STEAM GENERATOR NO.2	9000 Ton/hr
Type of Furnace	
1. NA	
Type of Fuel	
1. Diesel	8 KL/day
2. Coal	18000 Ton/day
Raw Material Details	
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 (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 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

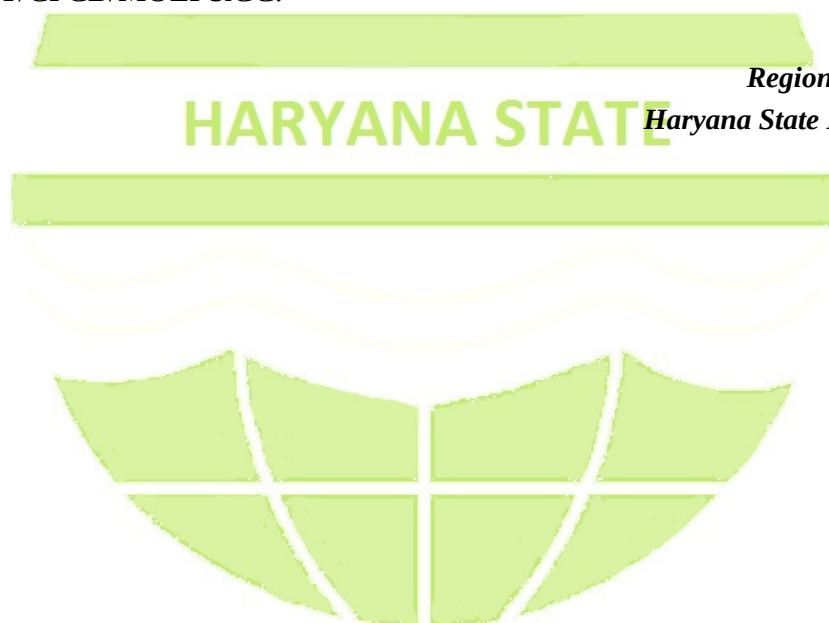
Terms and conditions

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 & Transboundary 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, Asbestos-containing residues	Agreement with GEPIL	50.0 T/Annum
7	Production of asbestos or asbestos-containing materials, Discarded asbestos	Agreement with GEPIL	100.0 T/Annum
8	Handling of Hazardous chemicals and wastes, Empty barrels/containers/liners contaminated with hazardous chemicals/wastes	Agreement with GEPIL	200.0 T/Annum
9	Handling of Hazardous chemicals and wastes, Empty barrels/containers/liners contaminated with hazardous chemicals/wastes	Agreement with GEPIL	50.0 T/Annum
10	Purification and treatment of exhaust air, water and waste water from the treatment plants (CETP's), Chemical sludge from waste water treatment	Agreement with GEPIL	120.0 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 T/Annum
12	Petroleum refining/re-processing of used oil/recycling of waste oil, Oily sludge/emulsion	Agreement with GEPIL	10.0 T/Annum
13	Handling of Hazardous chemicals and wastes, Contaminated cotton rags or other cleaning materials	Agreement with GEPIL	10.0 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 30th for the period ensuring 31st March of the year.

**Regional Officer Bahadurgarh
For Haryana State Pollution Control Board**

