

Our Ref : JPL/MoEF&CC/ENV/012964
Date : May 31, 2023



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 **October 2022 to March 2023 in Annexure III**

We would also like to mention that after 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**

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

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 Apraava Energy Company)

Corporate Office:

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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,
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T: +91 11 6612 0700 F: +91 11 6612 0777/0778
CIN No.: U40104DL2008SGC374107

Plant:

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

By Speed Post

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

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

Dated: 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,

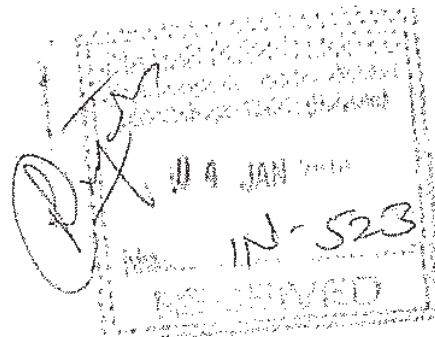

(W. Bharat Singh)
Deputy Director

✓ 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 October to March. FGD is continuously in operation since 1st Feb 2019 onwards to meet 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. 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 almost 100% ash utilization consecutively for last 5 financial years. Constant efforts are being made to pursue coal companies to contain ash content of coal dispatched to us within the stipulated limit.

- (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 11 Aug 2010.

As per plant design two boilers share one twin flue chimney of height 275 m. Continuous emission monitoring systems have been installed and all parameters mentioned are being monitored (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 and successfully compliant to emission norms of SO₂.

- (vi) Low NOx burner shall be provided.

Response: Complied. Low NOx burner and Separated Over-Fire Air (SOFA) system has been installed to control NOx 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 NOx. Presently, JPL is complying with the new NOx 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 tippers, 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 almost 100% Fly Ash 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, phase wise grassing, tree plantation to develop natural barrier to prevent ash emission.

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

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

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

Response: Complied. This has been incorporated in the plant design and is being ensured during plant operations for water conservation. During unit operation average COC maintained during last six months was above 5. 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 rainwater 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 2022 across three seasons as per IBBI directives by third party to map the business linkages with biodiversity and ecosystem services and to identify the risks and opportunities across their value chain. Natural Capital Action Plan (NCAP) has been developed to improve biodiversity quotient and to mitigate risks. Effort to augment the green cover further is ongoing.*

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

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

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

Response: *Complied. The limit of 75dBA noise level from steam turbine operation of the plant applies to the noise at the boundary of the plant as per National Ambient Air Quality Standards (NAAQS). Taking due considerations of this requirement, cladding and acoustic enclosures has been incorporated in plant designs for the steam turbine units & other plant & equipment such as compressors etc. Suitable hearing protection devices (earplugs/ 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 estimate as below was being communicated to ministry vide our letter no.JHA/MOEF/PM/BB/959 dt. 17/11/2010. Actions were taken to include these activities under EPC contract for the project and these have been duly installed/ implemented.*

Estimated expenditure as per the EIA report

Pollution Control Facilities	Cost
Cost of Air Pollution Control Systems (electrostatic precipitator, dust suppression & dust Extraction)	INR 150 Crores
Cost of Water Pollution Control (ETP)	INR 30 Crores
Cost of Solid Waste Management System (ash handling-civil & mechanical, ash dykes)	INR 100 Crores
Green belt development	INR 6 Crores
Environmental monitoring Facilities	INR 22 Crores
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
FY 22-23	41,77,53,929	FGD – CAPEX and OPEX
	2,43,97,986	Ash dyke management and Ash disposal, Dust suppression measures, Horticulture

	26,01,05,060	SPM Reduction, Waste Management , Wastewater treatment, Environment Monitoring , ESP and FF Operation and Maintenance cost
Total Cost (INR)	10,211,189,347 (INR 1021.12 Crores)	

Year Wise Break Up of Horticulture Expenditure	
Year	Cost(INR)
<i>FY 2009-2010</i>	<i>2,45,426</i>
<i>FY 2010-2011</i>	<i>4,05,661</i>
<i>FY 2011-2012</i>	<i>4,09,720</i>
<i>FY 2012-2013</i>	<i>2,26,00,379</i>
<i>FY 2013-2014</i>	<i>1,67,56,637</i>
<i>FY 2014-2015</i>	<i>1,43,71,391</i>
<i>FY 2015-2016</i>	<i>44,42,996</i>
<i>FY 2016-2017</i>	<i>19,38,000</i>
<i>FY 2017-2018</i>	<i>1,05,30,000</i>
<i>FY 2018-2019</i>	<i>1,10,45,000</i>
<i>FY 2019-2020</i>	<i>1,26,00,000</i>
<i>FY 2020-2021</i>	<i>1,38,00,000</i>
<i>FY 2021-2022</i>	<i>1,39,50,000</i>
<i>FY 2022-2023</i>	<i>1,44,06,000</i>
Total	137,501,210

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.

- (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.

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.

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/012631
Date : January 12, 2023

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 October 2022- **Annexure I**
Monitoring Reports of Air, Water& Noise of November 2022 - **Annexure II**
Monitoring Reports of Air, Water& Noise of December 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 and Wholetime Director

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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District Jhajjar, Haryana 124 142
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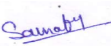
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2210080334 Sample Reg. Date :08-10-2022 Report Date :16-10-2022 Report No. :ICE-2210160681 NABL ULR No. :TC592622000014495F 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	: 03-10-2022
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	: 1806.69
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(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	19.26
c.	Particulate Matter (PM10),µg/m3	IS: 5182 (P-23): 2017	100 Max	97.36
d.	Particulate matter (PM 2.5),µg/m3	STP/ITC/EW/001	60 Max	45.45
e.	Ammonia(NH3),µg/m ³	IS: 5182 (P-25): 2018	400 Max	32.15
f.	Lead(As Pb),µg/m3	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


Saurabh Sharma
16-10-2022
Reviewer


16-10-2022
PremKumar
[Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.

86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)
Panchkula-134109 (Haryana)
Phone : (O) 0172-2561543, 2565825
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. :E01-2210080334 Sample Reg. Date :08-10-2022 Report Date :16-10-2022 Report No. :ICE-2210160681 NABL ULR No. :TC592622000014495F 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.	25.63
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
16-10-2022
Reviewer


16-10-2022
PremKumar
[Authorized Signatory]

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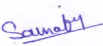
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2210080333 Sample Reg. Date :08-10-2022 Report Date :16-10-2022 Report No. :ICE-2210160680 NABL ULR No. :TC592622000014503F Customer Ref. 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	: 03-10-2022
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	: 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(SO2),µg/m3	IS: 5182 (P-2): 2017	80 Max	8.37
b.	Nitrogen Dioxide(NO2),µg/m ³	IS: 5182 (P-6): 2017	80 Max	13.65
c.	Particulate Matter (PM10),µg/m3	IS: 5182 (P-23): 2017	100 Max	95.11
d.	Particulate matter (PM 2.5),µg/m3	STP/ITC/EW/001	60 Max	48.40
e.	Ammonia(NH3),µg/m ³	IS: 5182 (P-25): 2018	400 Max	27.55
f.	Lead(As Pb),µg/m3	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


Saurabh Sharma
16-10-2022
Reviewer


16-10-2022
PremKumar
[Authorized Signatory]

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2210080333 Sample Reg. Date :08-10-2022 Report Date :16-10-2022 Report No. :ICE-2210160680 NABL ULR No. :TC592622000014503F 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.	22.49
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
16-10-2022
Reviewer


16-10-2022
PremKumar
[Authorized Signatory]

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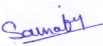
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2210080335 Sample Reg. Date :08-10-2022 Report Date :16-10-2022 Report No. :ICE-2210160682 NABL ULR No. :TC592622000014498F 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	: 03-10-2022
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	: 1793.11
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	8.28
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS: 5182 (P-6): 2017	80 Max	15.20
c.	Particulate Matter (PM ₁₀),µg/m ³	IS: 5182 (P-23): 2017	100 Max	90.46
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	35.46
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


 Saurabh Sharma
 16-10-2022
 Reviewer


 16-10-2022
 PremKumar
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2210080335 Sample Reg. Date :08-10-2022 Report Date :16-10-2022 Report No. :ICE-2210160682 NABL ULR No. :TC592622000014498F 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.	30.26
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
16-10-2022
Reviewer


16-10-2022
PremKumar
[Authorized Signatory]

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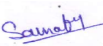
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2210080336 Sample Reg. Date :08-10-2022 Report Date :16-10-2022 Report No. :ICE-2210160683 NABL ULR No. :TC592622000014520F 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	: 03-10-2022
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	: 1806.69
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	6.25
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS: 5182 (P-6): 2017	80 Max	10.15
c.	Particulate Matter (PM ₁₀),µg/m ³	IS: 5182 (P-23): 2017	100 Max	82.36
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW/001	60 Max	39.98
e.	Ammonia(NH ₃),µg/m ³	IS: 5182 (P-25): 2018	400 Max	35.26
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


 Saurabh Sharma
 16-10-2022
 Reviewer


 16-10-2022
 PremKumar
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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. :E01-2210080336 Sample Reg. Date :08-10-2022 Report Date :16-10-2022 Report No. :ICE-2210160683 NABL ULR No. :TC592622000014520F 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.	29.06
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
16-10-2022
Reviewer


16-10-2022
PremKumar
[Authorized Signatory]

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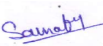
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2210080338 Sample Reg. Date :08-10-2022 Report Date :16-10-2022 Report No. :ICE-2210160685 NABL ULR No. :TC592622000014497F 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	: 06-10-2022
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	: 1810.75
Avg. Ambient Temperature,°C	: 32

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	8.32
b.	Nitrogen Dioxide(NO2),µg/m ³	IS: 5182 (P-6): 2017	80 Max	16.45
c.	Particulate Matter (PM10),µg/m3	IS: 5182 (P-23): 2017	100 Max	109.62
d.	Particulate matter (PM 2.5),µg/m3	STP/ITC/EW/001	60 Max	47.98
e.	Ammonia(NH3),µg/m ³	IS: 5182 (P-25): 2018	400 Max	35.10
f.	Lead(As Pb),µg/m3	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


 Saurabh Sharma
 16-10-2022
 Reviewer


 16-10-2022
 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. :E01-2210080338 Sample Reg. Date :08-10-2022 Report Date :16-10-2022 Report No. :ICE-2210160685 NABL ULR No. :TC592622000014497F 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.	31.50
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
16-10-2022
Reviewer


16-10-2022
PremKumar
[Authorized Signatory]

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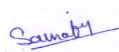
Test Report

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Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2210080337 Sample Reg. Date :08-10-2022 Report Date :16-10-2022 Report No. :ICE-2210160684 NABL ULR No. :TC592622000014502F 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	: 06-10-2022
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	: 1820.28
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	8.09
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS: 5182 (P-6): 2017	80 Max	17.34
c.	Particulate Matter (PM ₁₀),µg/m ³	IS: 5182 (P-23): 2017	100 Max	101.36
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW/001	60 Max	49.66
e.	Ammonia(NH ₃),µg/m ³	IS: 5182 (P-25): 2018	400 Max	29.42
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


Saurabh Sharma
16-10-2022
Reviewer


16-10-2022
PremKumar
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Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2210080337 Sample Reg. Date :08-10-2022 Report Date :16-10-2022 Report No. :ICE-2210160684 NABL ULR No. :TC592622000014502F 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.	26.03
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
16-10-2022
Reviewer


16-10-2022
PremKumar
[Authorized Signatory]

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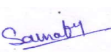
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2210080339 Sample Reg. Date :08-10-2022 Report Date :16-10-2022 Report No. :ICE-2210160686 NABL ULR No. :TC592622000014504F 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	: 06-10-2022
Time of Monitoring	: 11:30 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.31
Volume of air sampled,m3	: 1775.20
Avg. Ambient Temperature,°C	: 32

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	6.64
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	109.40
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	32.09
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


Saurabh Sharma
16-10-2022
Reviewer


16-10-2022
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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. :E01-2210080339 Sample Reg. Date :08-10-2022 Report Date :16-10-2022 Report No. :ICE-2210160686 NABL ULR No. :TC592622000014504F 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)

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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
16-10-2022
Reviewer


16-10-2022
PremKumar
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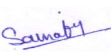
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2210080340 Sample Reg. Date :08-10-2022 Report Date :16-10-2022 Report No. :ICE-2210160687 NABL ULR No. :TC592622000014501F 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	: 06-10-2022
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	: 1794.50
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	6.23
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS: 5182 (P-6): 2017	80 Max	12.48
c.	Particulate Matter (PM ₁₀),µg/m ³	IS: 5182 (P-23): 2017	100 Max	77.12
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW/001	60 Max	36.62
e.	Ammonia(NH ₃),µg/m ³	IS: 5182 (P-25): 2018	400 Max	25.70
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


Saurabh Sharma
16-10-2022
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16-10-2022
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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. :E01-2210080340 Sample Reg. Date :08-10-2022 Report Date :16-10-2022 Report No. :ICE-2210160687 NABL ULR No. :TC592622000014501F 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.	22.31
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
16-10-2022
Reviewer


16-10-2022
PremKumar
[Authorized Signatory]

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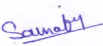
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2210180763 Sample Reg. Date :18-10-2022 Report Date :28-10-2022 Report No. :ICE-2210281187 NABL ULR No. :TC592622000015043F 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	: 10-10-2022
Time of Monitoring	: 12:20 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	: 1804.44
Avg. Ambient Temperature,°C	: 31

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	8.23
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS: 5182 (P-6): 2017	80 Max	13.25
c.	Particulate Matter (PM ₁₀),µg/m ³	IS: 5182 (P-23): 2017	100 Max	89.28
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW/001	60 Max	39.98
e.	Ammonia(NH ₃),µg/m ³	IS: 5182 (P-25): 2018	400 Max	27.19
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.10)


Saurabh Sharma
28-10-2022
Reviewer


28-10-2022
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. :E01-2210180763 Sample Reg. Date :18-10-2022 Report Date :28-10-2022 Report No. :ICE-2210281187 NABL ULR No. :TC592622000015043F 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.	23.13
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
28-10-2022
Reviewer


28-10-2022
PremKumar
[Authorized Signatory]

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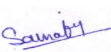
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2210180762 Sample Reg. Date :18-10-2022 Report Date :28-10-2022 Report No. :ICE-2210281186 NABL ULR No. :TC592622000015004F 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	: 10-10-2022
Time of Monitoring	: 12:40 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.31
Volume of air sampled,m3	: 1759.40
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	6.20
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS: 5182 (P-6): 2017	80 Max	10.22
c.	Particulate Matter (PM ₁₀),µg/m ³	IS: 5182 (P-23): 2017	100 Max	82.24
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	30.24
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.10)


Saurabh Sharma
28-10-2022
Reviewer


28-10-2022
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. :E01-2210180762 Sample Reg. Date :18-10-2022 Report Date :28-10-2022 Report No. :ICE-2210281186 NABL ULR No. :TC592622000015004F 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.	27.13
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
28-10-2022
Reviewer


28-10-2022
PremKumar
[Authorized Signatory]

Disclaimer :

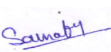
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2210180764 Sample Reg. Date :18-10-2022 Report Date :28-10-2022 Report No. :ICE-2210281188 NABL ULR No. :TC592622000015044F 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	: 10-10-2022
Time of Monitoring	: 11:40 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.30
Volume of air sampled,m3	: 1795.08
Avg. Ambient Temperature,°C	: 30

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	6.21
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS: 5182 (P-6): 2017	80 Max	19.21
c.	Particulate Matter (PM ₁₀),µg/m ³	IS: 5182 (P-23): 2017	100 Max	100.22
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	27.06
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.10)


Saurabh Sharma
28-10-2022
Reviewer


28-10-2022
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. :E01-2210180764 Sample Reg. Date :18-10-2022 Report Date :28-10-2022 Report No. :ICE-2210281188 NABL ULR No. :TC592622000015044F 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.	35.26
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
28-10-2022
Reviewer


28-10-2022
PremKumar
[Authorized Signatory]

Disclaimer :

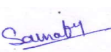
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2210180765 Sample Reg. Date :18-10-2022 Report Date :28-10-2022 Report No. :ICE-2210281189 NABL ULR No. :TC592622000015045F 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	: 10-10-2022
Time of Monitoring	: 13:20 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.32
Volume of air sampled,m3	: 1769.52
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	10.25
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS: 5182 (P-6): 2017	80 Max	16.25
c.	Particulate Matter (PM ₁₀),µg/m ³	IS: 5182 (P-23): 2017	100 Max	83.24
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	25.30
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.10)


Saurabh Sharma
28-10-2022
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28-10-2022
PremKumar
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2210180765 Sample Reg. Date :18-10-2022 Report Date :28-10-2022 Report No. :ICE-2210281189 NABL ULR No. :TC592622000015045F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

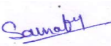
2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	23.11
b.	Carbon Monoxide(CO),mg/m ³	IS: 5182 (P-10): 2019	2 Max.	BLQ(LOQ:1.0)
3.	Ambient Air Quality Parameters(Time weighted Avg- Annual*)			
a.	Benzene(C ₆ H ₆),µg/m ³	IS: 5182 (P-11): 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)

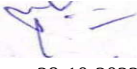
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NOTE : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per NAAQS 2009.
Sampling Procedure: SOP/ITC/EW/056

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
28-10-2022
Reviewer


28-10-2022
PremKumar
[Authorized Signatory]

Disclaimer :

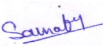
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2210180767 Sample Reg. Date :18-10-2022 Report Date :28-10-2022 Report No. :ICE-2210281190 NABL ULR No. :TC592622000015047F 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	: 13-10-2022
Time of Monitoring	: 11:10 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.28
Volume of air sampled,m3	: 1752.14
Avg. Ambient Temperature,°C	: 31

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	10.22
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS: 5182 (P-6): 2017	80 Max	19.27
c.	Particulate Matter (PM ₁₀),µg/m ³	IS: 5182 (P-23): 2017	100 Max	117.23
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW/001	60 Max	53.45
e.	Ammonia(NH ₃),µg/m ³	IS: 5182 (P-25): 2018	400 Max	25.24
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.10)


Saurabh Sharma
28-10-2022
Reviewer


28-10-2022
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. :E01-2210180767 Sample Reg. Date :18-10-2022 Report Date :28-10-2022 Report No. :ICE-2210281190 NABL ULR No. :TC592622000015047F 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.	32.19
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
28-10-2022
Reviewer


28-10-2022
PremKumar
[Authorized Signatory]

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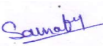
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2210180766 Sample Reg. Date :18-10-2022 Report Date :29-10-2022 Report No. :ICE-2210291337 NABL ULR No. :TC592622000015129F 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	: 13-10-2022
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	: 1810.75
Avg. Ambient Temperature,°C	: 32

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	7.10
b.	Nitrogen Dioxide(NO2),µg/m ³	IS: 5182 (P-6): 2017	80 Max	15.21
c.	Particulate Matter (PM10),µg/m3	IS: 5182 (P-23): 2017	100 Max	96.20
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	28.21
f.	Lead(As Pb),µg/m3	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.10)


Saurabh Sharma
29-10-2022
Reviewer


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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2210180766 Sample Reg. Date :18-10-2022 Report Date :29-10-2022 Report No. :ICE-2210291337 NABL ULR No. :TC592622000015129F 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.	21.24
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)

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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
29-10-2022
Reviewer


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PremKumar
[Authorized Signatory]

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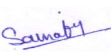
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2210180768 Sample Reg. Date :18-10-2022 Report Date :28-10-2022 Report No. :ICE-2210281191 NABL ULR No. :TC592622000015046F 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	: 13-10-2022
Time of Monitoring	: 10:50 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.30
Volume of air sampled,m3	: 1773.28
Avg. Ambient Temperature,°C	: 30

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	6.23
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	106.24
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW/001	60 Max	53.45
e.	Ammonia(NH ₃),µg/m ³	IS: 5182 (P-25): 2018	400 Max	34.27
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.10)


Saurabh Sharma
28-10-2022
Reviewer


28-10-2022
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. :E01-2210180768 Sample Reg. Date :18-10-2022 Report Date :28-10-2022 Report No. :ICE-2210281191 NABL ULR No. :TC592622000015046F 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.	28.23
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
28-10-2022
Reviewer


28-10-2022
PremKumar
[Authorized Signatory]

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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. : E01-2210180769 Sample Reg. Date : 18-10-2022 Report Date : 29-10-2022 Report No. : ICE-2210291242 NABL ULR No. : TC592622000015051F 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	: 13-10-2022
Time of Monitoring	: 12:20 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	: 1777.10
Avg. Ambient Temperature, °C	: 31

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	7.13
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS: 5182 (P-6): 2017	80 Max	13.25
c.	Particulate Matter (PM ₁₀), µg/m ³	IS: 5182 (P-23): 2017	100 Max	89.25
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	29.15
f.	Lead(As Pb), µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.10)

Saurabh Sharma
Saurabh Sharma
29-10-2022
Reviewer

PremKumar
29-10-2022
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. :E01-2210180769 Sample Reg. Date :18-10-2022 Report Date :29-10-2022 Report No. :ICE-2210291242 NABL ULR No. :TC592622000015051F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

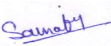
2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	27.13
b.	Carbon Monoxide(CO),mg/m ³	IS: 5182 (P-10): 2019	2 Max.	BLQ(LOQ:1.0)
3.	Ambient Air Quality Parameters(Time weighted Avg- Annual*)			
a.	Benzene(C ₆ H ₆),µg/m ³	IS: 5182 (P-11): 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)

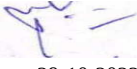
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NOTE : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per NAAQS 2009.
Sampling Procedure: SOP/ITC/EW/056

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
29-10-2022
Reviewer


29-10-2022
PremKumar
[Authorized Signatory]

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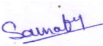
Test Report

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Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2210291118 Sample Reg. Date :29-10-2022 Report Date :03-11-2022 Report No. :ICE-2211030055 NABL ULR No. :TC592622000015261F 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	: 17-10-2022
Time of Monitoring	: 10:20 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.33
Volume of air sampled,m3	: 1858.56
Avg. Ambient Temperature,°C	: 26

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	12.20
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS: 5182 (P-6): 2017	80 Max	25.38
c.	Particulate Matter (PM ₁₀),µg/m ³	IS: 5182 (P-23): 2017	100 Max	116.25
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW/001	60 Max	52.18
e.	Ammonia(NH ₃),µg/m ³	IS: 5182 (P-25): 2018	400 Max	32.40
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


Saurabh Sharma
03-11-2022
Reviewer


03-11-2022
PremKumar
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2210291118 Sample Reg. Date :29-10-2022 Report Date :03-11-2022 Report No. :ICE-2211030055 NABL ULR No. :TC592622000015261F 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.	30.10
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
03-11-2022
Reviewer


03-11-2022
PremKumar
[Authorized Signatory]

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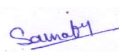
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2210291117 Sample Reg. Date :29-10-2022 Report Date :03-11-2022 Report No. :ICE-2211030054 NABL ULR No. :TC592622000015253F 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	: 17-10-2022
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	: 1771.19
Avg. Ambient Temperature,°C	: 27

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	10.30
b.	Nitrogen Dioxide(NO2),µg/m ³	IS: 5182 (P-6): 2017	80 Max	19.45
c.	Particulate Matter (PM10),µg/m3	IS: 5182 (P-23): 2017	100 Max	104.12
d.	Particulate matter (PM 2.5),µg/m3	STP/ITC/EW/001	60 Max	48.10
e.	Ammonia(NH3),µg/m ³	IS: 5182 (P-25): 2018	400 Max	37.05
f.	Lead(As Pb),µg/m3	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


Saurabh Sharma
03-11-2022
Reviewer


03-11-2022
PremKumar
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2210291117 Sample Reg. Date :29-10-2022 Report Date :03-11-2022 Report No. :ICE-2211030054 NABL ULR No. :TC592622000015253F 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.	31.28
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)

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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
03-11-2022
Reviewer


03-11-2022
PremKumar
[Authorized Signatory]

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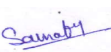
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2210291119 Sample Reg. Date :29-10-2022 Report Date :03-11-2022 Report No. :ICE-2211030056 NABL ULR No. :TC592622000015257F 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	: 17-10-2022
Time of Monitoring	: 09:50 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	: 1835.47
Avg. Ambient Temperature,°C	: 24

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	6.27
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS: 5182 (P-6): 2017	80 Max	17.35
c.	Particulate Matter (PM ₁₀),µg/m ³	IS: 5182 (P-23): 2017	100 Max	96.15
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW/001	60 Max	46.10
e.	Ammonia(NH ₃),µg/m ³	IS: 5182 (P-25): 2018	400 Max	30.45
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


Saurabh Sharma
03-11-2022
Reviewer


03-11-2022
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. :E01-2210291119 Sample Reg. Date :29-10-2022 Report Date :03-11-2022 Report No. :ICE-2211030056 NABL ULR No. :TC592622000015257F 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.	26.65
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
03-11-2022
Reviewer


03-11-2022
PremKumar
[Authorized Signatory]

Disclaimer :

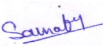
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2210291120 Sample Reg. Date :29-10-2022 Report Date :03-11-2022 Report No. :ICE-2211030057 NABL ULR No. :TC592622000015259F 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	: 17-10-2022
Time of Monitoring	: 11:00 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.31
Volume of air sampled,m3	: 1811.08
Avg. Ambient Temperature,°C	: 28

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	7.10
b.	Nitrogen Dioxide(NO2),µg/m ³	IS: 5182 (P-6): 2017	80 Max	13.26
c.	Particulate Matter (PM10),µg/m3	IS: 5182 (P-23): 2017	100 Max	89.12
d.	Particulate matter (PM 2.5),µg/m3	STP/ITC/EW/001	60 Max	36.25
e.	Ammonia(NH3),µg/m ³	IS: 5182 (P-25): 2018	400 Max	27.38
f.	Lead(As Pb),µg/m3	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


Saurabh Sharma
03-11-2022
Reviewer


03-11-2022
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. :E01-2210291120 Sample Reg. Date :29-10-2022 Report Date :03-11-2022 Report No. :ICE-2211030057 NABL ULR No. :TC592622000015259F 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.	24.18
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
03-11-2022
Reviewer


03-11-2022
PremKumar
[Authorized Signatory]

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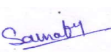
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2210291122 Sample Reg. Date :29-10-2022 Report Date :03-11-2022 Report No. :ICE-2211030059 NABL ULR No. :TC592622000015256F 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	: 20-10-2022
Time of Monitoring	: 11:00 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.31
Volume of air sampled,m3	: 1816.90
Avg. Ambient Temperature,°C	: 25

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	10.20
b.	Nitrogen Dioxide(NO2),µg/m ³	IS: 5182 (P-6): 2017	80 Max	17.35
c.	Particulate Matter (PM10),µg/m3	IS: 5182 (P-23): 2017	100 Max	115.35
d.	Particulate matter (PM 2.5),µg/m3	STP/ITC/EW/001	60 Max	52.28
e.	Ammonia(NH3),µg/m ³	IS: 5182 (P-25): 2018	400 Max	33.14
f.	Lead(As Pb),µg/m3	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


Saurabh Sharma
03-11-2022
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PremKumar
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Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2210291122 Sample Reg. Date :29-10-2022 Report Date :03-11-2022 Report No. :ICE-2211030059 NABL ULR No. :TC592622000015256F 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.	25.18
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
03-11-2022
Reviewer


03-11-2022
PremKumar
[Authorized Signatory]

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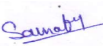
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2210291121 Sample Reg. Date :29-10-2022 Report Date :03-11-2022 Report No. :ICE-2211030058 NABL ULR No. :TC592622000015258F 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	: 20-10-2022
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	: 1840.92
Avg. Ambient Temperature,°C	: 27

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	5.68
b.	Nitrogen Dioxide(NO2),µg/m ³	IS: 5182 (P-6): 2017	80 Max	17.30
c.	Particulate Matter (PM10),µg/m3	IS: 5182 (P-23): 2017	100 Max	108.25
d.	Particulate matter (PM 2.5),µg/m3	STP/ITC/EW/001	60 Max	45.10
e.	Ammonia(NH3),µg/m ³	IS: 5182 (P-25): 2018	400 Max	35.25
f.	Lead(As Pb),µg/m3	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


Saurabh Sharma
03-11-2022
Reviewer


03-11-2022
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. :E01-2210291121 Sample Reg. Date :29-10-2022 Report Date :03-11-2022 Report No. :ICE-2211030058 NABL ULR No. :TC592622000015258F 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.	28.40
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
03-11-2022
Reviewer


03-11-2022
PremKumar
[Authorized Signatory]

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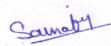
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2210291123 Sample Reg. Date :29-10-2022 Report Date :03-11-2022 Report No. :ICE-2211030060 NABL ULR No. :TC592622000015260F 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	: 20-10-2022
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	: 1867.31
Avg. Ambient Temperature,°C	: 24

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	9.18
b.	Nitrogen Dioxide(NO2),µg/m ³	IS: 5182 (P-6): 2017	80 Max	17.20
c.	Particulate Matter (PM10),µg/m3	IS: 5182 (P-23): 2017	100 Max	120.19
d.	Particulate matter (PM 2.5),µg/m3	STP/ITC/EW/001	60 Max	55.88
e.	Ammonia(NH3),µg/m ³	IS: 5182 (P-25): 2018	400 Max	30.12
f.	Lead(As Pb),µg/m3	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


 Saurabh Sharma
 03-11-2022
 Reviewer


 03-11-2022
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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. :E01-2210291123 Sample Reg. Date :29-10-2022 Report Date :03-11-2022 Report No. :ICE-2211030060 NABL ULR No. :TC592622000015260F 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.	26.38
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
03-11-2022
Reviewer


03-11-2022
PremKumar
[Authorized Signatory]

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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2210291124 Sample Reg. Date :29-10-2022 Report Date :03-11-2022 Report No. :ICE-2211030061 NABL ULR No. :TC592622000015255F 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	: 20-10-2022
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	: 1860.10
Avg. Ambient Temperature,°C	: 28

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	7.15
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS: 5182 (P-6): 2017	80 Max	11.28
c.	Particulate Matter (PM ₁₀),µg/m ³	IS: 5182 (P-23): 2017	100 Max	95.40
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW/001	60 Max	40.10
e.	Ammonia(NH ₃),µg/m ³	IS: 5182 (P-25): 2018	400 Max	31.18
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)

Saurabh Sharma
Saurabh Sharma
03-11-2022
Reviewer

PremKumar
03-11-2022
PremKumar
[Authorized Signatory]

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2210291124 Sample Reg. Date :29-10-2022 Report Date :03-11-2022 Report No. :ICE-2211030061 NABL ULR No. :TC592622000015255F 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.	25.10
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
03-11-2022
Reviewer


03-11-2022
PremKumar
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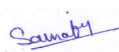
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2210311132 Sample Reg. Date :31-10-2022 Report Date :09-11-2022 Report No. :ICE-2211090344 NABL ULR No. :TC592622000015463F Customer Ref. 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	: 24-10-2022
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	: 1881.36
Avg. Ambient Temperature,°C	: 25

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	13.20
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS: 5182 (P-6): 2017	80 Max	33.18
c.	Particulate Matter (PM ₁₀),µg/m ³	IS: 5182 (P-23): 2017	100 Max	175.10
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW/001	60 Max	78.25
e.	Ammonia(NH ₃),µg/m ³	IS: 5182 (P-25): 2018	400 Max	46.30
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


Saurabh Sharma
09-11-2022
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[Authorized Signatory]

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2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	32.25
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
09-11-2022
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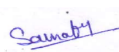
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Document QF : 2501
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2210311131 Sample Reg. Date :31-10-2022 Report Date :09-11-2022 Report No. :ICE-2211090343 NABL ULR No. :TC592622000015462F 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	: 24-10-2022
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	: 1829.86
Avg. Ambient Temperature,°C	: 28

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	10.45
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS: 5182 (P-6): 2017	80 Max	19.23
c.	Particulate Matter (PM ₁₀),µg/m ³	IS: 5182 (P-23): 2017	100 Max	158.21
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW/001	60 Max	66.92
e.	Ammonia(NH ₃),µg/m ³	IS: 5182 (P-25): 2018	400 Max	40.08
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


Saurabh Sharma
09-11-2022
Reviewer


09-11-2022
PremKumar
[Authorized Signatory]

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2210311131 Sample Reg. Date :31-10-2022 Report Date :09-11-2022 Report No. :ICE-2211090343 NABL ULR No. :TC592622000015462F 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.	31.06
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
09-11-2022
Reviewer


09-11-2022
PremKumar
[Authorized Signatory]

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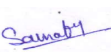
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2210311133 Sample Reg. Date :31-10-2022 Report Date :09-11-2022 Report No. :ICE-2211090345 NABL ULR No. :TC592622000015464F 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	: 24-10-2022
Time of Monitoring	: 11:00 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.31
Volume of air sampled,m3	: 1842.94
Avg. Ambient Temperature,°C	: 24

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	10.42
b.	Nitrogen Dioxide(NO2),µg/m ³	IS: 5182 (P-6): 2017	80 Max	30.15
c.	Particulate Matter (PM10),µg/m3	IS: 5182 (P-23): 2017	100 Max	186.18
d.	Particulate matter (PM 2.5),µg/m3	STP/ITC/EW/001	60 Max	81.52
e.	Ammonia(NH3),µg/m ³	IS: 5182 (P-25): 2018	400 Max	40.22
f.	Lead(As Pb),µg/m3	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


Saurabh Sharma
09-11-2022
Reviewer


09-11-2022
PremKumar
[Authorized Signatory]

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2210311133 Sample Reg. Date :31-10-2022 Report Date :09-11-2022 Report No. :ICE-2211090345 NABL ULR No. :TC592622000015464F 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.	31.25
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
09-11-2022
Reviewer


09-11-2022
PremKumar
[Authorized Signatory]

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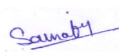
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2210311134 Sample Reg. Date :31-10-2022 Report Date :09-11-2022 Report No. :ICE-2211090346 NABL ULR No. :TC592622000015480F 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	: 24-10-2022
Time of Monitoring	: 12:30 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.29
Volume of air sampled,m3	: 1790.69
Avg. Ambient Temperature,°C	: 28

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	10.14
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS: 5182 (P-6): 2017	80 Max	17.27
c.	Particulate Matter (PM ₁₀),µg/m ³	IS: 5182 (P-23): 2017	100 Max	125.43
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW/001	60 Max	57.24
e.	Ammonia(NH ₃),µg/m ³	IS: 5182 (P-25): 2018	400 Max	35.47
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


Saurabh Sharma
09-11-2022
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2210311134 Sample Reg. Date :31-10-2022 Report Date :09-11-2022 Report No. :ICE-2211090346 NABL ULR No. :TC592622000015480F 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
09-11-2022
Reviewer


09-11-2022
PremKumar
[Authorized Signatory]

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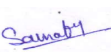
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2210311136 Sample Reg. Date :31-10-2022 Report Date :09-11-2022 Report No. :ICE-2211090348 NABL ULR No. :TC592622000015482F 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	: 27-10-2022
Time of Monitoring	: 10:30 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.23
Volume of air sampled,m3	: 1707.40
Avg. Ambient Temperature,°C	: 28

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	13.05
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS: 5182 (P-6): 2017	80 Max	23.08
c.	Particulate Matter (PM ₁₀),µg/m ³	IS: 5182 (P-23): 2017	100 Max	130.14
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW/001	60 Max	67.34
e.	Ammonia(NH ₃),µg/m ³	IS: 5182 (P-25): 2018	400 Max	33.13
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


Saurabh Sharma
09-11-2022
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2210311136 Sample Reg. Date :31-10-2022 Report Date :09-11-2022 Report No. :ICE-2211090348 NABL ULR No. :TC592622000015482F 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.	30.19
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
09-11-2022
Reviewer


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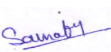
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2210311135 Sample Reg. Date :31-10-2022 Report Date :09-11-2022 Report No. :ICE-2211090347 NABL ULR No. :TC592622000015481F 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	: 27-10-2022
Time of Monitoring	: 11:00 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.31
Volume of air sampled,m3	: 1812.43
Avg. Ambient Temperature,°C	: 29

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	13.42
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS: 5182 (P-6): 2017	80 Max	22.14
c.	Particulate Matter (PM ₁₀),µg/m ³	IS: 5182 (P-23): 2017	100 Max	128.39
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW/001	60 Max	57.24
e.	Ammonia(NH ₃),µg/m ³	IS: 5182 (P-25): 2018	400 Max	28.67
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


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09-11-2022
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2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	25.17
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*****


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09-11-2022
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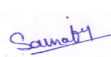
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2210311137 Sample Reg. Date :31-10-2022 Report Date :09-11-2022 Report No. :ICE-2211090391 NABL ULR No. :TC592622000015483F 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	: 27-10-2022
Time of Monitoring	: 10:00 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.27
Volume of air sampled,m3	: 1778.27
Avg. Ambient Temperature,°C	: 25

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	11.18
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS: 5182 (P-6): 2017	80 Max	21.06
c.	Particulate Matter (PM ₁₀),µg/m ³	IS: 5182 (P-23): 2017	100 Max	125.12
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW/001	60 Max	55.98
e.	Ammonia(NH ₃),µg/m ³	IS: 5182 (P-25): 2018	400 Max	31.06
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


Saurabh Sharma
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2210311137 Sample Reg. Date :31-10-2022 Report Date :09-11-2022 Report No. :ICE-2211090391 NABL ULR No. :TC592622000015483F 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.	27.34
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
09-11-2022
Reviewer


09-11-2022
PremKumar
[Authorized Signatory]

Disclaimer :

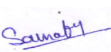
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2210311138 Sample Reg. Date :31-10-2022 Report Date :09-11-2022 Report No. :ICE-2211090393 NABL ULR No. :TC592622000015484F 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	: 27-10-2022
Time of Monitoring	: 11:30 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.29
Volume of air sampled,m3	: 1782.35
Avg. Ambient Temperature,°C	: 29

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	9.10
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS: 5182 (P-6): 2017	80 Max	18.27
c.	Particulate Matter (PM ₁₀),µg/m ³	IS: 5182 (P-23): 2017	100 Max	110.36
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	25.10
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


Saurabh Sharma
09-11-2022
Reviewer


09-11-2022
PremKumar
[Authorized Signatory]

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2210311138 Sample Reg. Date :31-10-2022 Report Date :09-11-2022 Report No. :ICE-2211090393 NABL ULR No. :TC592622000015484F 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.	23.24
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
09-11-2022
Reviewer


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PremKumar
[Authorized Signatory]

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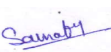
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Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2211010051 Sample Reg. Date :01-11-2022 Report Date :09-11-2022 Report No. :ICE-2211090423 NABL ULR No. :TC592622000015467F 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	: 31-10-2022
Time of Monitoring	: 10:50 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.31
Volume of air sampled,m3	: 1824.51
Avg. Ambient Temperature,°C	: 27

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	10.56
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS: 5182 (P-6): 2017	80 Max	15.35
c.	Particulate Matter (PM ₁₀),µg/m ³	IS: 5182 (P-23): 2017	100 Max	113.98
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW/001	60 Max	62.48
e.	Ammonia(NH ₃),µg/m ³	IS: 5182 (P-25): 2018	400 Max	30.65
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


Saurabh Sharma
09-11-2022
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09-11-2022
PremKumar
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Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2211010051 Sample Reg. Date :01-11-2022 Report Date :09-11-2022 Report No. :ICE-2211090423 NABL ULR No. :TC592622000015467F 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.	27.25
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
09-11-2022
Reviewer


09-11-2022
PremKumar
[Authorized Signatory]

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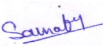
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2211010050 Sample Reg. Date :01-11-2022 Report Date :09-11-2022 Report No. :ICE-2211090422 NABL ULR No. :TC592622000015468F 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	: 31-10-2022
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	: 1834.81
Avg. Ambient Temperature,°C	: 28

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	15.45
c.	Particulate Matter (PM ₁₀),µg/m ³	IS: 5182 (P-23): 2017	100 Max	110.69
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW/001	60 Max	58.78
e.	Ammonia(NH ₃),µg/m ³	IS: 5182 (P-25): 2018	400 Max	30.29
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


Saurabh Sharma
09-11-2022
Reviewer


09-11-2022
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. :E01-2211010050 Sample Reg. Date :01-11-2022 Report Date :09-11-2022 Report No. :ICE-2211090422 NABL ULR No. :TC592622000015468F 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.	25.69
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
09-11-2022
Reviewer


09-11-2022
PremKumar
[Authorized Signatory]

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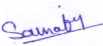
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2211010052 Sample Reg. Date :01-11-2022 Report Date :09-11-2022 Report No. :ICE-2211090424 NABL ULR No. :TC592622000015466F Customer Ref. 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	: 31-10-2022
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	: 1872.54
Avg. Ambient Temperature,°C	: 26

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	10.11
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS: 5182 (P-6): 2017	80 Max	18.25
c.	Particulate Matter (PM ₁₀),µg/m ³	IS: 5182 (P-23): 2017	100 Max	115.52
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW/001	60 Max	56.35
e.	Ammonia(NH ₃),µg/m ³	IS: 5182 (P-25): 2018	400 Max	35.27
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


Saurabh Sharma
09-11-2022
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Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2211010052 Sample Reg. Date :01-11-2022 Report Date :09-11-2022 Report No. :ICE-2211090424 NABL ULR No. :TC592622000015466F 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.	28.56
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
09-11-2022
Reviewer


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PremKumar
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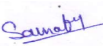
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2211010053 Sample Reg. Date :01-11-2022 Report Date :09-11-2022 Report No. :ICE-2211090425 NABL ULR No. :TC592622000015465F 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	: 31-10-2022
Time of Monitoring	: 11:50 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.30
Volume of air sampled,m3	: 1792.66
Avg. Ambient Temperature,°C	: 30

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	8.35
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS: 5182 (P-6): 2017	80 Max	11.24
c.	Particulate Matter (PM ₁₀),µg/m ³	IS: 5182 (P-23): 2017	100 Max	95.68
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW/001	60 Max	49.85
e.	Ammonia(NH ₃),µg/m ³	IS: 5182 (P-25): 2018	400 Max	30.74
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


Saurabh Sharma
09-11-2022
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2211010053 Sample Reg. Date :01-11-2022 Report Date :09-11-2022 Report No. :ICE-2211090425 NABL ULR No. :TC592622000015465F 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)

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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*****


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09-11-2022
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2210080332 Sample Reg. Date :08-10-2022 Report Date :15-10-2022 Report No. :ICE-2210150633 NABL ULR No. :TC592622000014469F 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	: 07-10-2022
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 & 250 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
15-10-2022
Reviewer

PremKumar
15-10-2022
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. :E01-2210080332 Sample Reg. Date :08-10-2022 Report Date :15-10-2022 Report No. :ICE-2210150633 NABL ULR No. :TC592622000014469F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

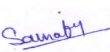
Flue Gas Temperature, °C,Avg.	: 56
Flue Gas Velocity(m/s),Avg.	: 22.94
Volumetric Flow Rate(Nm ³ /hr.)	: 2763702.46
Ambient Air Temperature, °C	: 27

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	26.03
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-2)	Max. 200	130.39
c.	Oxides of Nitrogen (NO _x), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-7)	Max. 450	234.97
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	3.16

'#' 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 07.10.2022, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A


Saurabh Sharma
15-10-2022
Reviewer


15-10-2022
PremKumar
[Authorized Signatory]

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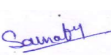
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Test Report

Document QF : 2501
Page 3 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2210080332 Sample Reg. Date :08-10-2022 Report Date :15-10-2022 Report No. :ICE-2210150633 NABL ULR No. :TC592622000014469F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

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


Saurabh Sharma
15-10-2022
Reviewer


15-10-2022
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. :E01-2210170758 Sample Reg. Date :17-10-2022 Report Date :20-10-2022 Report No. :ICE-2210200944 NABL ULR No. :TC592622000014720F 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	: 14-10-2022
Time of Monitoring	: 10:10 to 10:34 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 & 267 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
20-10-2022
Reviewer

PremKumar
20-10-2022
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. :E01-2210170758 Sample Reg. Date :17-10-2022 Report Date :20-10-2022 Report No. :ICE-2210200944 NABL ULR No. :TC592622000014720F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

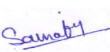
Flue Gas Temperature, °C,Avg.	: 59
Flue Gas Velocity(m/s),Avg.	: 23.16
Volumetric Flow Rate(Nm ³ /hr.)	: 2764783.33
Ambient Air Temperature, °C	: 25

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	29.09
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-2)	Max. 200	136.16
c.	Oxides of Nitrogen (NO _x), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-7)	Max. 450	252.33
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	3.75

'#' 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 14.10.2022, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A


Saurabh Sharma
20-10-2022
Reviewer


20-10-2022
PremKumar
[Authorized Signatory]

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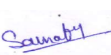
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Page 3 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2210170758 Sample Reg. Date :17-10-2022 Report Date :20-10-2022 Report No. :ICE-2210200944 NABL ULR No. :TC592622000014720F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

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


Saurabh Sharma
20-10-2022
Reviewer


20-10-2022
PremKumar
[Authorized Signatory]

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2210170760 Sample Reg. Date :17-10-2022 Report Date :20-10-2022 Report No. :ICE-2210200945 NABL ULR No. :TC592622000014752F 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	: 14-10-2022
Time of Monitoring	: 10:50 to 11:14 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 & 250 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
20-10-2022
Reviewer

PremKumar
20-10-2022
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. :E01-2210170760 Sample Reg. Date :17-10-2022 Report Date :20-10-2022 Report No. :ICE-2210200945 NABL ULR No. :TC592622000014752F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Flue Gas Temperature, °C,Avg.	: 54
Flue Gas Velocity(m/s),Avg.	: 22.58
Volumetric Flow Rate(Nm ³ /hr.)	: 2733220.21
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	26.09
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-2)	Max. 200	110.78
c.	Oxides of Nitrogen (NO _x), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-7)	Max. 450	330.15
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	3.48

'#' 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 14.10.2022, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A


Saurabh Sharma
20-10-2022
Reviewer


20-10-2022
PremKumar
[Authorized Signatory]

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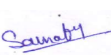
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2210170760 Sample Reg. Date :17-10-2022 Report Date :20-10-2022 Report No. :ICE-2210200945 NABL ULR No. :TC592622000014752F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

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


Saurabh Sharma
20-10-2022
Reviewer


20-10-2022
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. :E01-2210220994 Sample Reg. Date :22-10-2022 Report Date :28-10-2022 Report No. :ICE-2210281199 NABL ULR No. :TC592622000015012F 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	: 21-10-2022
Time of Monitoring	: 09:00 to 09:24 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 & 247 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
28-10-2022
Reviewer

PremKumar
28-10-2022
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. :E01-2210220994
	Sample Reg. Date :22-10-2022
	Report Date :28-10-2022
	Report No. :ICE-2210281199
	NABL ULR No. :TC592622000015012F
	Customer Ref. No. :Order No.5030010814
	Letter Dated :29.10.2020

Flue Gas Temperature, °C,Avg.	: 53
Flue Gas Velocity(m/s),Avg.	: 22.85
Volumetric Flow Rate(Nm ³ /hr.)	: 2778192.75
Ambient Air Temperature, °C	: 25

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	27.14
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-2)	Max. 200	154.93
c.	Oxides of Nitrogen (NO _x), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-7)	Max. 450	255.20
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	3.44

'#' 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 21.10.2022, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A


Saurabh Sharma
28-10-2022
Reviewer


28-10-2022
PremKumar
[Authorized Signatory]

Disclaimer :

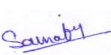
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Test Report

Document QF : 2501
Page 3 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2210220994 Sample Reg. Date :22-10-2022 Report Date :28-10-2022 Report No. :ICE-2210281199 NABL ULR No. :TC592622000015012F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

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


Saurabh Sharma
28-10-2022
Reviewer


28-10-2022
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. :E01-2210220995 Sample Reg. Date :22-10-2022 Report Date :28-10-2022 Report No. :ICE-2210281198 NABL ULR No. :TC592622000015010F 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	: 21-10-2022
Time of Monitoring	: 09:40 to 10:04 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 & 230 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
28-10-2022
Reviewer

28-10-2022
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. :E01-2210220995
	Sample Reg. Date :22-10-2022
	Report Date :28-10-2022
	Report No. :ICE-2210281198
	NABL ULR No. :TC592622000015010F
	Customer Ref. No. :Order No.5030010814
	Letter Dated :29.10.2020

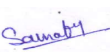
Flue Gas Temperature, °C,Avg.	: 58
Flue Gas Velocity(m/s),Avg.	: 23.24
Volumetric Flow Rate(Nm ³ /hr.)	: 2782927.55
Ambient Air Temperature, °C	: 24

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	25.07
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-2)	Max. 200	157.05
c.	Oxides of Nitrogen (NO _x), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-7)	Max. 450	250.11
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	3.73

'#' 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 21.10.2022, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A


Saurabh Sharma
28-10-2022
Reviewer


28-10-2022
PremKumar
[Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)
Panchkula-134109 (Haryana)
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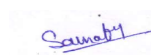
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2210220995 Sample Reg. Date :22-10-2022 Report Date :28-10-2022 Report No. :ICE-2210281198 NABL ULR No. :TC592622000015010F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

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


Saurabh Sharma
28-10-2022
Reviewer


28-10-2022
PremKumar
[Authorized Signatory]

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2210291130 Sample Reg. Date :29-10-2022 Report Date :03-11-2022 Report No. :ICE-2211030116 NABL ULR No. :TC592622000015324F 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	: 28-10-2022
Time of Monitoring	: 10:47 to 11:11 hrs
Name of the emission source monitored	: Stack Emission of Boiler
(a) Rated Capacity	: 660 MW
(b) Capacity on sampling day	: 299 MW
(c) Type of fuel used & its consumption	: Coal & 284 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 + FGD + FF + Low NOx Burner
(a) Status	: Working
(b) Recovery of Material	: -
(9) Fugitive Emission,if any	: Nil
Observations :	

Saurabh Sharma
03-11-2022
Reviewer

03-11-2022
PremKumar
[Authorized Signatory]

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2210291130 Sample Reg. Date :29-10-2022 Report Date :03-11-2022 Report No. :ICE-2211030116 NABL ULR No. :TC592622000015324F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Flue Gas Temperature, °C,Avg.	: 52
Flue Gas Velocity(m/s),Avg.	: 21.38
Volumetric Flow Rate(Nm ³ /hr.)	: 2607462.73
Ambient Air Temperature, °C	: 26

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	24.55
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-2)	Max. 200	102.01
c.	Oxides of Nitrogen (NO _x), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-7)	Max. 450	290.18
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	3.45

'#' represents Customer Defined Fields

NOTE : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per EPA Act 1986/PCLS/2010, Sample collected by lab rep. on dated 28.10.2022, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A


Saurabh Sharma
03-11-2022
Reviewer


03-11-2022
PremKumar
[Authorized Signatory]

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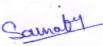
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2210291130 Sample Reg. Date :29-10-2022 Report Date :03-11-2022 Report No. :ICE-2211030116 NABL ULR No. :TC592622000015324F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

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


Saurabh Sharma
03-11-2022
Reviewer


03-11-2022
PremKumar
[Authorized Signatory]

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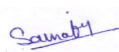
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2210170739 Sample Reg. Date :17-10-2022 Report Date :28-10-2022 Report No. :ICE-2210281220 (1) NABL ULR No. :TC592622000015034F Customer 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	17-10-2022
n)	Date of Start	17-10-2022
o)	Date of Completion	28-10-2022
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample collected by lab rep. on 14.10.2022


Saurabh Sharma
28-10-2022
Reviewer


28-10-2022
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. :E01-2210170739 Sample Reg. Date :17-10-2022 Report Date :28-10-2022 Report No. :ICE-2210281220 (1) NABL ULR No. :TC592622000015034F 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		8.18
d.	Total Suspended Solids,(mg/L)	IS 3025 (Part 17): 2017		38
e.	Total Dissolved Solids (mg/L)	IS 3025 (Part 16) : 2017	-	580
f.	Chemical Oxygen Demand(mg/L)	IS 3025 (Part 58) : 2017		120
g.	Bio-chemical Oxygen Demand, mg/L (3 days at 27°C)	IS 3025 (Part 44) : 2019		40
h.	Oil & Grease(mg/L)	IS 3025 (Part 39) : 2021		<4.0


Saurabh Sharma
28-10-2022
Reviewer


28-10-2022
PremKumar
[Authorized Signatory]

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2210170739 Sample Reg. Date :17-10-2022 Report Date :28-10-2022 Report No. :ICE-2210281220 (1) NABL ULR No. :TC592622000015034F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

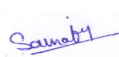
i.	Zinc(As Zn)(mg/L)	IS:3025 (Part-2): 2019	BLQ(LOQ:0.05)
j.	Arsenic(as As)(mg/L)	IS:3025 (Part-2): 2019	BLQ(LOQ:0.05)
k.	Total Chromium as Cr (mg/L)	IS:3025 (Part-2): 2019	BLQ(LOQ:0.05)
l.	Cyanide (as CN),(mg/L)	IS 3025 (Part 27): 2019	BLQ(LOQ:0.05)
m.	Iron(as Fe)(mg/L)	IS:3025 (Part-2): 2019	BLQ(LOQ:0.05)
n.	Temperature(°C)	IS 3025 (Part 9): 2017	25
o.	Free Residual Chlorine (mg/L)	IS: 3025 (P-26): 2021	BLQ(LOQ:1.0)

'*' 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

REMARKS : N/A

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


 Saurabh Sharma
 28-10-2022
 Reviewer


 28-10-2022
 PremKumar
 [Authorized Signatory]

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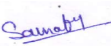
Page 1 of 3

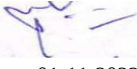
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2210170741 Sample Reg. Date :17-10-2022 Report Date :01-11-2022 Report No. :ICE-2211010015 (1) NABL ULR No. :TC592622000015200F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

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	17-10-2022
n)	Date of Start	17-10-2022
o)	Date of Completion	01-11-2022
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample collected by lab rep. on 14.10.2022


Saurabh Sharma
01-11-2022
Reviewer


01-11-2022
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. :E01-2210170741 Sample Reg. Date :17-10-2022 Report Date :01-11-2022 Report No. :ICE-2211010015 (1) NABL ULR No. :TC592622000015200F 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	8.48
d.	Total Suspended Solids,(mg/L)	IS 3025 (Part 17): 2017	Max. 100	5
e.	Total Dissolved Solids (mg/L)	IS 3025 (Part 16) : 2017	Max. 2100	508
f.	Chemical Oxygen Demand(mg/L)	IS 3025 (Part 58) : 2017	Max. 250	40
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

Saurabh Sharma
01-11-2022
Reviewer

01-11-2022
PremKumar
[Authorized Signatory]

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2210170741 Sample Reg. Date :17-10-2022 Report Date :01-11-2022 Report No. :ICE-2211010015 (1) NABL ULR No. :TC592622000015200F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

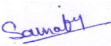
i.	Zinc(As Zn)(mg/L)	IS:3025 (Part-2): 2019	Max. 5.0	BLQ(LOQ:0.05)
j.	Arsenic(as As)(mg/L)	IS:3025 (Part-2): 2019	Max. 0.2	BLQ(LOQ:0.05)
k.	Total Chromium as Cr (mg/L)	IS:3025 (Part-2): 2019	Max. 2.0	BLQ(LOQ:0.05)
l.	Cyanide (as CN),(mg/L)	IS 3025 (Part 27): 2019	Max. 0.2	BLQ(LOQ::0.05)
m.	Iron(as Fe)(mg/L)	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)

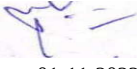
represents categories/test parameters not covered under NABL '#' represents Customer Defined Fields

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

REMARKS : N/A

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


 Saurabh Sharma
 01-11-2022
 Reviewer


 01-11-2022
 PremKumar
 [Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.
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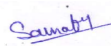
Page 1 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2211010038 Sample Reg. Date :01-11-2022 Report Date :08-11-2022 Report No. :ICE-2211080273 NABL ULR No. :TC592622000015413F 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 can
m)	Date of Receipt	01-11-2022
n)	Date of Start	01-11-2022
o)	Date of Completion	08-11-2022
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample Collected by Lab. Rep.Dated : 28.10.2022


 Saurabh Sharma
 08-11-2022
 Reviewer


 08-11-2022
 PremKumar
 [Authorized Signatory]

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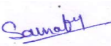
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2211010038 Sample Reg. Date :01-11-2022 Report Date :08-11-2022 Report No. :ICE-2211080273 NABL ULR No. :TC592622000015413F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

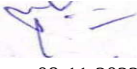
s)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
t)	Manufactured By [#]	NA
u)	Supplied By [#]	NA

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		7.25
d.	Total Suspended Solids,(mg/L)	IS 3025 (Part 17): 2017		68
e.	Total Dissolved Solids (mg/L)	IS 3025 (Part 16) : 2017	-	828
f.	Chemical Oxygen Demand(mg/L)	IS 3025 (Part 58) : 2017		236
g.	Bio-chemical Oxygen Demand, mg/L (3 days at 27°C)	IS 3025 (Part 44) : 2019		90
h.	Oil & Grease(mg/L)	IS 3025 (Part 39) : 2021		<4.0


Saurabh Sharma
08-11-2022
Reviewer


08-11-2022
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. :E01-2211010038 Sample Reg. Date :01-11-2022 Report Date :08-11-2022 Report No. :ICE-2211080273 NABL ULR No. :TC592622000015413F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

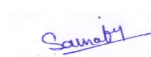
i.	Free Residual Chlorine (mg/L)	IS: 3025 (P-26): 2021		BLQ(LOQ:1.0)

'#' 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
 08-11-2022
 Reviewer


 08-11-2022
 PremKumar
 [Authorized Signatory]

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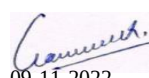
Page 1 of 3

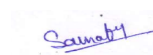
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2211010039 Sample Reg. Date :01-11-2022 Report Date :09-11-2022 Report No. :ICE-2211090462 (1) NABL ULR No. :TC592622000015521F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

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)	Code No.	
f)	Batch Number #	NA
g)	D.O.M #	NA
h)	Date of Expiry #	NA
i)	Sample Quantity #	1 Ltr
j)	Batch Size/Location #	NA
k)	Mode of Packing	Packed in bottle
l)	Date of Receipt	01-11-2022
m)	Date of Start	01-11-2022
n)	Date of Completion	09-11-2022
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: 28.10.2022
r)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)


 09-11-2022
 Gaurav Khandelwal
 [Authorized Signatory]


 Saurabh Sharma
 09-11-2022
 Reviewer


 09-11-2022
 PremKumar
 [Authorized Signatory]

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Test Report

Document QF : 2501

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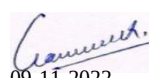
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2211010039 Sample Reg. Date :01-11-2022 Report Date :09-11-2022 Report No. :ICE-2211090462 (1) NABL ULR No. :TC592622000015521F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

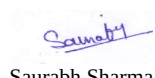
s)	Manufactured By #	NA
t)	Supplied By #	NA

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		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	-	43
c.	Magnesium as Mg(mg/L)	IS: 3025 Part 46): 2019	-	19
d.	Sodium(as Na)(mg/L)	IS 3025(Part 45): 2019	-	12.8
e.	Potassium as K ₂ (mg/L)	APHA 23rd Edition-3500K B: 2017		1.30
	Discipline : Biological			
	Group : Pollution & Environment			
1.	Microbiological Tests			


09-11-2022
Gaurav Khandelwal
[Authorized Signatory]


Saurabh Sharma
09-11-2022
Reviewer


09-11-2022
PremKumar
[Authorized Signatory]

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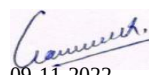
a.	Faecal Coliforms, (MPN/100mL)	APHA-23 rd Edn 17-9221 F		2724
b.	<i>E.coli</i> , (MPN/100mL)	APHA-23 rd Edn 17-9221 F		1724
c.	Total Coliform (MPN/100ml)	APHA-23 rd Edn 17-9221 F		3252

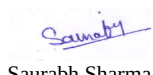
'*' represents categories/test parameters not covered under NABL '#' represents Customer Defined Fields

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*****


09-11-2022
Gaurav Khandelwal
[Authorized Signatory]


Saurabh Sharma
09-11-2022
Reviewer


09-11-2022
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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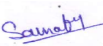
Page 1 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2211010040 Sample Reg. Date :01-11-2022 Report Date :08-11-2022 Report No. :ICE-2211080274 NABL ULR No. :TC592622000015412F 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	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 can
m)	Date of Receipt	01-11-2022
n)	Date of Start	01-11-2022
o)	Date of Completion	08-11-2022
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 : 28.10.2022


Saurabh Sharma
08-11-2022
Reviewer


08-11-2022
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. :E01-2211010040 Sample Reg. Date :01-11-2022 Report Date :08-11-2022 Report No. :ICE-2211080274 NABL ULR No. :TC592622000015412F 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	7.69
d.	Total Suspended Solids,(mg/L)	IS 3025 (Part 17): 2017	Max. 100	22
e.	Total Dissolved Solids (mg/L)	IS 3025 (Part 16) : 2017	Not Specified	810
f.	Chemical Oxygen Demand(mg/L)	IS 3025 (Part 58) : 2017	Not Specified	48
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
Saurabh Sharma
08-11-2022
Reviewer

PremKumar
08-11-2022
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. :E01-2211010040 Sample Reg. Date :01-11-2022 Report Date :08-11-2022 Report No. :ICE-2211080274 NABL ULR No. :TC592622000015412F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

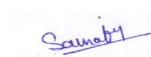
i.	Free Residual Chlorine (mg/L)	IS: 3025 (Part 26)-2021	Max. 1.0	BLQ(LOQ:0.5)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
08-11-2022
Reviewer


08-11-2022
PremKumar
[Authorized Signatory]

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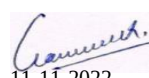
Page 1 of 3

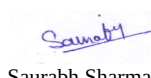
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2211010041 Sample Reg. Date :01-11-2022 Report Date :11-11-2022 Report No. :ICE-2211110505 (1) NABL ULR No. :TC592622000015578F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

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	01-11-2022
n)	Date of Start	01-11-2022
o)	Date of Completion	11-11-2022
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample collected by lab rep. on 28.10.2022


11-11-2022
Gaurav Khandelwal
[Authorized Signatory]


Saurabh Sharma
11-11-2022
Reviewer


11-11-2022
PremKumar
[Authorized Signatory]

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Test Report

Document QF : 2501

Page 2 of 3

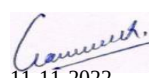
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2211010041 Sample Reg. Date :01-11-2022 Report Date :11-11-2022 Report No. :ICE-2211110505 (1) NABL ULR No. :TC592622000015578F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

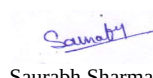
s)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
t)	Manufactured By [#]	NA
u)	Supplied By [#]	NA

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	62
c.	Magnesium as Mg(mg/L)	IS: 3025 Part 46): 2019	Not Specified	37
d.	Sodium(as Na)(mg/L)	IS 3025(Part 45): 2019	Not Specified	12.2
e.	Potassium as K,(mg/L)	APHA 23rd Edition-3500K B: 2017	Not Specified	1.21
Discipline : Biological				
Group : Pollution & Environment				


11-11-2022
Gaurav Khandelwal
[Authorized Signatory]


Saurabh Sharma
11-11-2022
Reviewer


11-11-2022
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. :E01-2211010041 Sample Reg. Date :01-11-2022 Report Date :11-11-2022 Report No. :ICE-2211110505 (1) NABL ULR No. :TC592622000015578F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

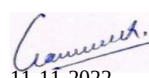
1.	Microbiological Tests			
a.	Faecal Coliform, MPN/100ml	APHA-23 rd Edn 17-9221 F	Max. 1000	<1.8
b.	E.coli, (MPN/100mL)	APHA 23rd Edn 17-9221 E	Not Specified	<1.8
c.	Total Coliform (MPN/100ml)	APHA-23 rd Edn 17-9221 F	Not Specified	94

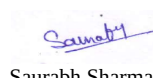
'*' represents categories/test parameters not covered under NABL '#' represents Customer Defined Fields

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

REMARKS :N/A

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


 11-11-2022
 Gaurav Khandelwal
 [Authorized Signatory]


 Saurabh Sharma
 11-11-2022
 Reviewer


 11-11-2022
 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

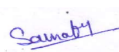
Page 1 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2210170743 Sample Reg. Date :17-10-2022 Report Date :28-10-2022 Report No. :ICE-2210281225 NABL ULR No. :TC592622000015018F 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	17-10-2022
n)	Date of Start	17-10-2022
o)	Date of Completion	28-10-2022
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample collected by lab rep. on 14.10.2022


Saurabh Sharma
28-10-2022
Reviewer


28-10-2022
PremKumar
[Authorized Signatory]

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2210170743 Sample Reg. Date :17-10-2022 Report Date :28-10-2022 Report No. :ICE-2210281225 NABL ULR No. :TC592622000015018F 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	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	Mild
c.	pH Value	IS: 3025 (Part 11): 2017	7.32
d.	Total Suspended Solids,(mg/L)	IS 3025 (Part 17): 2017	82
e.	Total Dissolved Solids (mg/L)	IS 3025 (Part 16) : 2017	1220
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	90
h.	Oil & Grease(mg/L)	IS 3025 (Part 39) : 2021	4.8

Saurabh
Saurabh Sharma
28-10-2022
Reviewer

PremKumar
28-10-2022
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. :E01-2210170743 Sample Reg. Date :17-10-2022 Report Date :28-10-2022 Report No. :ICE-2210281225 NABL ULR No. :TC592622000015018F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

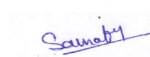
i.	Free Residual Chlorine (mg/L)	IS: 3025 (P-26): 2021	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

NOTE : NA- Not Applicable, Requirement as per EPA Act 1986/PCLS/2010. Sampling Procedure - SOP/ITC/EW/030

REMARKS :N/A

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


Saurabh Sharma
28-10-2022
Reviewer


28-10-2022
PremKumar
[Authorized Signatory]

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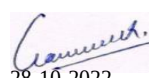
Page 1 of 3

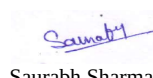
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2210170744 Sample Reg. Date :17-10-2022 Report Date :28-10-2022 Report No. :ICE-2210281226 (1) NABL ULR No. :TC592622000015035F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

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 can
m)	Date of Receipt	17-10-2022
n)	Date of Start	17-10-2022
o)	Date of Completion	28-10-2022
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample collected by lab rep. on 14.10.2022


28-10-2022
Gaurav Khandelwal
[Authorized Signatory]


28-10-2022
Saurabh Sharma
Reviewer


28-10-2022
PremKumar
[Authorized Signatory]

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Test Report

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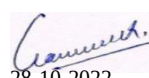
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2210170744 Sample Reg. Date :17-10-2022 Report Date :28-10-2022 Report No. :ICE-2210281226 (1) NABL ULR No. :TC592622000015035F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

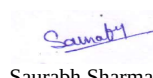
s)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
t)	Manufactured By [#]	NA
u)	Supplied By [#]	NA

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	-	82
c.	Magnesium as Mg(mg/L)	IS: 3025 Part 46): 2019	-	52
d.	Sodium(as Na)(mg/L)	IS 3025(Part 45): 2019	-	124
e.	Potassium as K,(mg/L)	APHA 23rd Edition-3500K B: 2017		19
Discipline : Biological				
Group : Pollution & Environment				


28-10-2022
Gaurav Khandelwal
[Authorized Signatory]


Saurabh Sharma
28-10-2022
Reviewer


28-10-2022
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. :E01-2210170744 Sample Reg. Date :17-10-2022 Report Date :28-10-2022 Report No. :ICE-2210281226 (1) NABL ULR No. :TC592622000015035F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

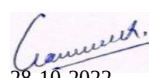
1.	Microbiological Tests			
a.	Faecal Coliforms, (MPN/100mL)	APHA-23 rd Edn 17-9221 F		2.2 x 10 ⁵
b.	E.coli, (MPN/100mL)	APHA-23 rd Edn 17-9221 F		1.4 x 10 ⁵
c.	Total Coliform (MPN/100ml)	APHA-23 rd Edn 17-9221 F		3.2 x 10 ⁵

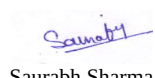
*' represents categories/test parameters not covered under NABL '#' represents Customer Defined Fields

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

REMARKS : N/A

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


 28-10-2022
 Gaurav Khandelwal
 [Authorized Signatory]


 Saurabh Sharma
 28-10-2022
 Reviewer


 28-10-2022
 PremKumar
 [Authorized Signatory]

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

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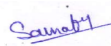
Page 1 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2210170745 Sample Reg. Date :17-10-2022 Report Date :28-10-2022 Report No. :ICE-2210281229 NABL ULR No. :TC592622000015028F 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	17-10-2022
n)	Date of Start	17-10-2022
o)	Date of Completion	28-10-2022
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample collected by lab rep. on 14.10.2022


Saurabh Sharma
28-10-2022
Reviewer


28-10-2022
PremKumar
[Authorized Signatory]

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Test Report

Document QF : 2501

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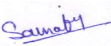
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2210170745 Sample Reg. Date :17-10-2022 Report Date :28-10-2022 Report No. :ICE-2210281229 NABL ULR No. :TC592622000015028F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

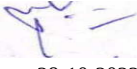
s)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
t)	Manufactured By [#]	NA
u)	Supplied By [#]	NA

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	6.89
d.	Total Suspended Solids,(mg/L)	IS 3025 (Part 17): 2017	Max. 100	10
e.	Total Dissolved Solids (mg/L)	IS 3025 (Part 16) : 2017	Not Specified	781
f.	Chemical Oxygen Demand(mg/L)	IS 3025 (Part 58) : 2017	Not Specified	44
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


Saurabh Sharma
28-10-2022
Reviewer


28-10-2022
PremKumar
[Authorized Signatory]

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2210170745 Sample Reg. Date :17-10-2022 Report Date :28-10-2022 Report No. :ICE-2210281229 NABL ULR No. :TC592622000015028F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

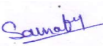
i.	Free Residual Chlorine (mg/L)	IS: 3025 (Part 26)-2021	Max. 1.0	BLQ(LOQ:1.0)

'#' 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
28-10-2022
Reviewer


28-10-2022
PremKumar
[Authorized Signatory]

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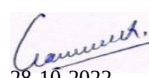
Page 1 of 3

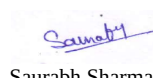
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2210170746 Sample Reg. Date :17-10-2022 Report Date :28-10-2022 Report No. :ICE-2210281230 (1) NABL ULR No. :TC592622000015039F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

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 can
m)	Date of Receipt	17-10-2022
n)	Date of Start	17-10-2022
o)	Date of Completion	28-10-2022
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample collected by lab rep. on 14.10.2022


28-10-2022
Gaurav Khandelwal
[Authorized Signatory]


28-10-2022
Saurabh Sharma
Reviewer


28-10-2022
PremKumar
[Authorized Signatory]

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Test Report

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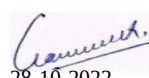
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2210170746 Sample Reg. Date :17-10-2022 Report Date :28-10-2022 Report No. :ICE-2210281230 (1) NABL ULR No. :TC592622000015039F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

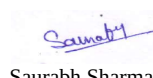
s)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
t)	Manufactured By [#]	NA
u)	Supplied By [#]	NA

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	78
c.	Magnesium as Mg(mg/L)	IS: 3025 Part 46): 2019	Not Specified	25
d.	Sodium(as Na)(mg/L)	IS 3025(Part 45): 2019	Not Specified	13.4
e.	Potassium as K,(mg/L)	APHA 23rd Edition-3500K B: 2017	Not Specified	1.93
Discipline : Biological				
Group : Pollution & Environment				


28-10-2022
Gaurav Khandelwal
[Authorized Signatory]


Saurabh Sharma
28-10-2022
Reviewer


28-10-2022
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. :E01-2210170746 Sample Reg. Date :17-10-2022 Report Date :28-10-2022 Report No. :ICE-2210281230 (1) NABL ULR No. :TC592622000015039F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

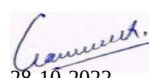
1.	Microbiological Tests			
a.	Faecal Coliform, MPN/100ml	APHA-23 rd Edn 17-9221 F	Max. 1000	809
b.	E.coli, (MPN/100mL)	APHA 23rd Edn 17-9221 E	Not Specified	540
c.	Total Coliform (MPN/100ml)	APHA-23 rd Edn 17-9221 F	Not Specified	920

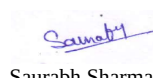
'*' represents categories/test parameters not covered under NABL '#' represents Customer Defined Fields

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

REMARKS :N/A

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


28-10-2022
Gaurav Khandelwal
[Authorized Signatory]


Saurabh Sharma
28-10-2022
Reviewer


28-10-2022
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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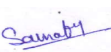
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. : E01-2210180770 Sample Reg. Date : 18-10-2022 Report Date : 27-10-2022 Report No. : ICE-2210271118 NABL ULR No. : TC592622000014987F Customer 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	: 14-10-2022
Time of Monitoring	: Day & Night
Nature of Industry	: Thermal Power Plant
Purpose of Monitoring	: For Self Monitoring

Description				
Description		Noise Monitoring		
S.No.	Parameters	Method	Specification	Result
	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	56.0
b.	Near Gate No.1 (Night Time), Leq dB (A)	IS:9989(RA 2014)	Max. 70.0	50.2
c.	Near Gate No.2 (Day Time), Leq dB (A)	IS:9989(RA 2014)	Max. 75.0	53.3
d.	Near Gate No.2 (Night Time), Leq dB (A)	IS:9989(RA 2014)	Max. 70.0	48.5
e.	Near Gate No.3 (Day Time), Leq dB (A)	IS:9989(RA 2014)	Max. 75.0	54.3
f.	Near Gate No.3 (Night Time), Leq dB (A)	IS:9989(RA 2014)	Max. 70.0	48.2
g.	Near Guest House (Day Time), Leq dB (A)	IS:9989(RA 2014)	Max. 75.0	54.1
h.	Near Guest House (Night Time), Leq dB (A)	IS:9989(RA 2014)	Max. 70.0	47.9


Saurabh Sharma
27-10-2022
Reviewer


27-10-2022
PremKumar
[Authorized Signatory]

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Page 2 of 2

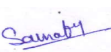
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar		Sample Reg. No. :E01-2210180770		
		Sample Reg. Date :18-10-2022		
		Report Date :27-10-2022		
		Report No. :ICE-2210271118		
		NABL ULR No. :TC592622000014987F		
		Customer Ref. No.: Order No.5030010814		
		Letter Dated :29.10.2020		
i.	Near D Block (Day Time), Leq dB (A)	IS:9989(RA 2014)	Max. 75.0	52.9
j.	Near D Block (Night Time), Leq dB (A)	IS:9989(RA 2014)	Max. 70.0	48.0

'#' 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
27-10-2022
Reviewer


27-10-2022
PremKumar
[Authorized Signatory]

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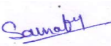
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2211090336 Sample Reg. Date :09-11-2022 Report Date :12-11-2022 Report No. :ICE-2211120578 NABL ULR No. :TC592622000015660F Customer Ref. 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	: 03-11-2022
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	: 1854.50
Avg. Ambient Temperature,°C	: 24

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	13.35
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS: 5182 (P-6): 2017	80 Max	18.05
c.	Particulate Matter (PM ₁₀),µg/m ³	IS: 5182 (P-23): 2017	100 Max	150.18
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW/001	60 Max	65.24
e.	Ammonia(NH ₃),µg/m ³	IS: 5182 (P-25): 2018	400 Max	38.50
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


Saurabh Sharma
12-11-2022
Reviewer


12-11-2022
PremKumar
[Authorized Signatory]

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2211090336 Sample Reg. Date :09-11-2022 Report Date :12-11-2022 Report No. :ICE-2211120578 NABL ULR No. :TC592622000015660F 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.	32.40
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
12-11-2022
Reviewer


12-11-2022
PremKumar
[Authorized Signatory]

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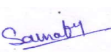
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2211090335 Sample Reg. Date :09-11-2022 Report Date :12-11-2022 Report No. :ICE-2211120577 NABL ULR No. :TC592622000015661F 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	: 03-11-2022
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	: 1857.01
Avg. Ambient Temperature,°C	: 24

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	12.61
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	152.40
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW/001	60 Max	63.97
e.	Ammonia(NH ₃),µg/m ³	IS: 5182 (P-25): 2018	400 Max	32.19
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


Saurabh Sharma
12-11-2022
Reviewer


12-11-2022
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. :E01-2211090335 Sample Reg. Date :09-11-2022 Report Date :12-11-2022 Report No. :ICE-2211120577 NABL ULR No. :TC592622000015661F 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.	25.33
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
12-11-2022
Reviewer


12-11-2022
PremKumar
[Authorized Signatory]

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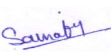
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2211090337 Sample Reg. Date :09-11-2022 Report Date :12-11-2022 Report No. :ICE-2211120579 NABL ULR No. :TC592622000015662F 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	: 03-11-2022
Time of Monitoring	: 11:00 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.31
Volume of air sampled,m3	: 1842.94
Avg. Ambient Temperature,°C	: 24

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	14.25
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS: 5182 (P-6): 2017	80 Max	18.34
c.	Particulate Matter (PM ₁₀),µg/m ³	IS: 5182 (P-23): 2017	100 Max	150.19
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW/001	60 Max	67.34
e.	Ammonia(NH ₃),µg/m ³	IS: 5182 (P-25): 2018	400 Max	34.05
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


Saurabh Sharma
12-11-2022
Reviewer


12-11-2022
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. :E01-2211090337 Sample Reg. Date :09-11-2022 Report Date :12-11-2022 Report No. :ICE-2211120579 NABL ULR No. :TC592622000015662F 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.	28.32
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
12-11-2022
Reviewer


12-11-2022
PremKumar
[Authorized Signatory]

Disclaimer :

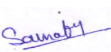
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2211090338 Sample Reg. Date :09-11-2022 Report Date :12-11-2022 Report No. :ICE-2211120580 NABL ULR No. :TC592622000015659F 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	: 03-11-2022
Time of Monitoring	: 12:30 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.34
Volume of air sampled,m3	: 1872.54
Avg. Ambient Temperature,°C	: 26

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	17.19
b.	Nitrogen Dioxide(NO2),µg/m ³	IS: 5182 (P-6): 2017	80 Max	20.54
c.	Particulate Matter (PM10),µg/m3	IS: 5182 (P-23): 2017	100 Max	138.37
d.	Particulate matter (PM 2.5),µg/m3	STP/ITC/EW/001	60 Max	62.29
e.	Ammonia(NH3),µg/m ³	IS: 5182 (P-25): 2018	400 Max	30.42
f.	Lead(As Pb),µg/m3	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


Saurabh Sharma
12-11-2022
Reviewer


12-11-2022
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. :E01-2211090338 Sample Reg. Date :09-11-2022 Report Date :12-11-2022 Report No. :ICE-2211120580 NABL ULR No. :TC592622000015659F 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.	22.07
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
12-11-2022
Reviewer


12-11-2022
PremKumar
[Authorized Signatory]

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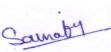
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. : E01-2211120498 Sample Reg. Date : 12-11-2022 Report Date : 21-11-2022 Report No. : ICE-2211210857 NABL ULR No. : TC592622000016002F Customer 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	: 06-11-2022
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	: 1864.77
Avg. Ambient Temperature, °C	: 24

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	18.13
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS: 5182 (P-6): 2017	80 Max	24.17
c.	Particulate Matter (PM ₁₀), µg/m ³	IS: 5182 (P-23): 2017	100 Max	132.46
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW/001	60 Max	68.18
e.	Ammonia(NH ₃), µg/m ³	IS: 5182 (P-25): 2018	400 Max	36.13
f.	Lead(As Pb), µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


Saurabh Sharma
21-11-2022
Reviewer


21-11-2022
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. :E01-2211120498 Sample Reg. Date :12-11-2022 Report Date :21-11-2022 Report No. :ICE-2211210857 NABL ULR No. :TC592622000016002F 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.	25.57
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
21-11-2022
Reviewer


21-11-2022
PremKumar
[Authorized Signatory]

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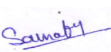
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. : E01-2211120497 Sample Reg. Date : 12-11-2022 Report Date : 21-11-2022 Report No. : ICE-2211210856 NABL ULR No. : TC592622000016000F 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	: 06-11-2022
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	: 1.32
Volume of air sampled, m ³	: 1857.01
Avg. Ambient Temperature, °C	: 24

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	14.19
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS: 5182 (P-6): 2017	80 Max	18.29
c.	Particulate Matter (PM ₁₀), µg/m ³	IS: 5182 (P-23): 2017	100 Max	120.35
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW/001	60 Max	55.13
e.	Ammonia(NH ₃), µg/m ³	IS: 5182 (P-25): 2018	400 Max	32.36
f.	Lead(As Pb), µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


Saurabh Sharma
21-11-2022
Reviewer


21-11-2022
PremKumar
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2211120497 Sample Reg. Date :12-11-2022 Report Date :21-11-2022 Report No. :ICE-2211210856 NABL ULR No. :TC592622000016000F 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.	24.56
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
21-11-2022
Reviewer


21-11-2022
PremKumar
[Authorized Signatory]

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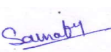
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2211120499 Sample Reg. Date :12-11-2022 Report Date :21-11-2022 Report No. :ICE-2211210858 NABL ULR No. :TC592622000016003F 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	: 06-11-2022
Time of Monitoring	: 11:00 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.31
Volume of air sampled,m3	: 1855.44
Avg. Ambient Temperature,°C	: 22

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	10.44
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS: 5182 (P-6): 2017	80 Max	27.85
c.	Particulate Matter (PM ₁₀),µg/m ³	IS: 5182 (P-23): 2017	100 Max	140.51
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW/001	60 Max	68.18
e.	Ammonia(NH ₃),µg/m ³	IS: 5182 (P-25): 2018	400 Max	38.52
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


Saurabh Sharma
21-11-2022
Reviewer


21-11-2022
PremKumar
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Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2211120499 Sample Reg. Date :12-11-2022 Report Date :21-11-2022 Report No. :ICE-2211210858 NABL ULR No. :TC592622000016003F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

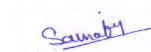
2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	27.24
b.	Carbon Monoxide(CO),mg/m ³	IS: 5182 (P-10): 2019	2 Max.	1.3
3.	Ambient Air Quality Parameters(Time weighted Avg- Annual*)			
a.	Benzene(C ₆ H ₆),µg/m ³	IS: 5182 (P-11): 2017	5 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
21-11-2022
Reviewer


21-11-2022
PremKumar
[Authorized Signatory]

Disclaimer :

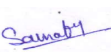
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2211120500 Sample Reg. Date :12-11-2022 Report Date :21-11-2022 Report No. :ICE-2211210859 NABL ULR No. :TC592622000016011F 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	: 06-11-2022
Time of Monitoring	: 12:20 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.30
Volume of air sampled,m3	: 1831.35
Avg. Ambient Temperature,°C	: 24

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	10.23
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS: 5182 (P-6): 2017	80 Max	22.28
c.	Particulate Matter (PM ₁₀),µg/m ³	IS: 5182 (P-23): 2017	100 Max	106.15
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW/001	60 Max	49.24
e.	Ammonia(NH ₃),µg/m ³	IS: 5182 (P-25): 2018	400 Max	27.81
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


Saurabh Sharma
21-11-2022
Reviewer


21-11-2022
PremKumar
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2211120500 Sample Reg. Date :12-11-2022 Report Date :21-11-2022 Report No. :ICE-2211210859 NABL ULR No. :TC592622000016011F 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.	21.58
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
21-11-2022
Reviewer


21-11-2022
PremKumar
[Authorized Signatory]

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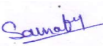
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2211120502 Sample Reg. Date :12-11-2022 Report Date :21-11-2022 Report No. :ICE-2211210861 NABL ULR No. :TC592622000016012F 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	: 10-11-2022
Time of Monitoring	: 09:50 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	: 1840.45
Avg. Ambient Temperature,°C	: 24

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	19.27
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS: 5182 (P-6): 2017	80 Max	24.52
c.	Particulate Matter (PM ₁₀),µg/m ³	IS: 5182 (P-23): 2017	100 Max	128.34
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW/001	60 Max	63.55
e.	Ammonia(NH ₃),µg/m ³	IS: 5182 (P-25): 2018	400 Max	32.52
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


Saurabh Sharma
21-11-2022
Reviewer


21-11-2022
PremKumar
[Authorized Signatory]

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2211120502 Sample Reg. Date :12-11-2022 Report Date :21-11-2022 Report No. :ICE-2211210861 NABL ULR No. :TC592622000016012F 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.	26.84
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
21-11-2022
Reviewer


21-11-2022
PremKumar
[Authorized Signatory]

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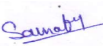
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2211120501 Sample Reg. Date :12-11-2022 Report Date :21-11-2022 Report No. :ICE-2211210860 NABL ULR No. :TC592622000016004F 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	: 10-11-2022
Time of Monitoring	: 10:20 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.34
Volume of air sampled,m3	: 1878.82
Avg. Ambient Temperature,°C	: 25

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
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	13.05
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS: 5182 (P-6): 2017	80 Max	17.98
c.	Particulate Matter (PM ₁₀),µg/m ³	IS: 5182 (P-23): 2017	100 Max	110.18
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	30.43
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


Saurabh Sharma
21-11-2022
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2211120501 Sample Reg. Date :12-11-2022 Report Date :21-11-2022 Report No. :ICE-2211210860 NABL ULR No. :TC592622000016004F 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.	26.47
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
21-11-2022
Reviewer


21-11-2022
PremKumar
[Authorized Signatory]

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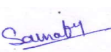
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2211120503 Sample Reg. Date :12-11-2022 Report Date :21-11-2022 Report No. :ICE-2211210862 NABL ULR No. :TC592622000016001F 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	: 10-11-2022
Time of Monitoring	: 09:30 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	: 1863.28
Avg. Ambient Temperature,°C	: 23

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	15.58
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS: 5182 (P-6): 2017	80 Max	25.15
c.	Particulate Matter (PM ₁₀),µg/m ³	IS: 5182 (P-23): 2017	100 Max	131.49
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW/001	60 Max	68.60
e.	Ammonia(NH ₃),µg/m ³	IS: 5182 (P-25): 2018	400 Max	36.07
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


Saurabh Sharma
21-11-2022
Reviewer


21-11-2022
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. :E01-2211120503 Sample Reg. Date :12-11-2022 Report Date :21-11-2022 Report No. :ICE-2211210862 NABL ULR No. :TC592622000016001F 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.	25.56
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
21-11-2022
Reviewer


21-11-2022
PremKumar
[Authorized Signatory]

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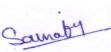
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. : E01-2211120504 Sample Reg. Date : 12-11-2022 Report Date : 21-11-2022 Report No. : ICE-2211210863 NABL ULR No. : TC592622000016013F 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	: 10-11-2022
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	: 1.25
Volume of air sampled, m ³	: 1746.77
Avg. Ambient Temperature, °C	: 26

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	8.46
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS: 5182 (P-6): 2017	80 Max	15.26
c.	Particulate Matter (PM ₁₀), µg/m ³	IS: 5182 (P-23): 2017	100 Max	108.14
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW/001	60 Max	54.71
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
21-11-2022
Reviewer


21-11-2022
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. :E01-2211120504 Sample Reg. Date :12-11-2022 Report Date :21-11-2022 Report No. :ICE-2211210863 NABL ULR No. :TC592622000016013F 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.	23.55
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)

'#' represents Customer Defined Fields

NOTE : 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
21-11-2022
Reviewer


21-11-2022
PremKumar
[Authorized Signatory]

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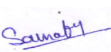
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. : E01-2211210920 Sample Reg. Date : 21-11-2022 Report Date : 25-11-2022 Report No. : ICE-2211251131 NABL ULR No. : TC592622000016234F 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	: 14-11-2022
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	: 1885.15
Avg. Ambient Temperature, °C	: 24

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	12.22
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS: 5182 (P-6): 2017	80 Max	32.12
c.	Particulate Matter (PM ₁₀), µg/m ³	IS: 5182 (P-23): 2017	100 Max	136.54
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	36.42
f.	Lead(As Pb), µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


Saurabh Sharma
25-11-2022
Reviewer


25-11-2022
Prem Kumar
[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. :E01-2211210920 Sample Reg. Date :21-11-2022 Report Date :25-11-2022 Report No. :ICE-2211251131 NABL ULR No. :TC592622000016234F 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.	28.16
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
25-11-2022
Reviewer


25-11-2022
PremKumar
[Authorized Signatory]

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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2211210919 Sample Reg. Date :21-11-2022 Report Date :25-11-2022 Report No. :ICE-2211251130 NABL ULR No. :TC592622000016202F 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	: 14-11-2022
Time of Monitoring	: 11:50 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.31
Volume of air sampled,m3	: 1840.45
Avg. Ambient Temperature,°C	: 24

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	10.26
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS: 5182 (P-6): 2017	80 Max	33.54
c.	Particulate Matter (PM ₁₀),µg/m ³	IS: 5182 (P-23): 2017	100 Max	110.24
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW/001	60 Max	58.50
e.	Ammonia(NH ₃),µg/m ³	IS: 5182 (P-25): 2018	400 Max	34.43
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)

Saurabh Sharma
25-11-2022
Reviewer

25-11-2022
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. :E01-2211210919 Sample Reg. Date :21-11-2022 Report Date :25-11-2022 Report No. :ICE-2211251130 NABL ULR No. :TC592622000016202F 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.	26.14
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)

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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
25-11-2022
Reviewer


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[Authorized Signatory]

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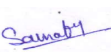
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. : E01-2211210921 Sample Reg. Date : 21-11-2022 Report Date : 25-11-2022 Report No. : ICE-2211251132 NABL ULR No. : TC592622000016211F 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	: 14-11-2022
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	: 1885.15
Avg. Ambient Temperature, °C	: 24

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	11.23
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS: 5182 (P-6): 2017	80 Max	30.42
c.	Particulate Matter (PM ₁₀), µg/m ³	IS: 5182 (P-23): 2017	100 Max	115.38
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	35.06
f.	Lead(As Pb), µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


Saurabh Sharma
25-11-2022
Reviewer


25-11-2022
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[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. :E01-2211210921 Sample Reg. Date :21-11-2022 Report Date :25-11-2022 Report No. :ICE-2211251132 NABL ULR No. :TC592622000016211F 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.	28.55
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
25-11-2022
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25-11-2022
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. : E01-2211210922 Sample Reg. Date : 21-11-2022 Report Date : 25-11-2022 Report No. : ICE-2211251133 NABL ULR No. : TC592622000016201F 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	: 14-11-2022
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	: 1885.15
Avg. Ambient Temperature, °C	: 24

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	9.52
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS: 5182 (P-6): 2017	80 Max	26.13
c.	Particulate Matter (PM ₁₀), µg/m ³	IS: 5182 (P-23): 2017	100 Max	128.05
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW/001	60 Max	55.13
e.	Ammonia(NH ₃), µg/m ³	IS: 5182 (P-25): 2018	400 Max	34.05
f.	Lead(As Pb), µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)

Saurabh Sharma
25-11-2022
Reviewer

25-11-2022
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. :E01-2211210922 Sample Reg. Date :21-11-2022 Report Date :25-11-2022 Report No. :ICE-2211251133 NABL ULR No. :TC592622000016201F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

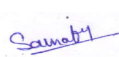
2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	28.51
b.	Carbon Monoxide(CO),mg/m ³	IS: 5182 (P-10): 2019	2 Max.	BLQ(LOQ:1.0)
3.	Ambient Air Quality Parameters(Time weighted Avg- Annual*)			
a.	Benzene(C ₆ H ₆),µg/m ³	IS: 5182 (P-11): 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
25-11-2022
Reviewer


25-11-2022
PremKumar
[Authorized Signatory]

Disclaimer :

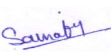
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2211210924 Sample Reg. Date :21-11-2022 Report Date :25-11-2022 Report No. :ICE-2211251135 NABL ULR No. :TC592622000016196F 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	: 17-11-2022
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	: 1877.40
Avg. Ambient Temperature,°C	: 23

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	23.57
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS: 5182 (P-6): 2017	80 Max	33.12
c.	Particulate Matter (PM ₁₀),µg/m ³	IS: 5182 (P-23): 2017	100 Max	132.26
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW/001	60 Max	62.29
e.	Ammonia(NH ₃),µg/m ³	IS: 5182 (P-25): 2018	400 Max	38.09
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


Saurabh Sharma
25-11-2022
Reviewer


25-11-2022
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. :E01-2211210924 Sample Reg. Date :21-11-2022 Report Date :25-11-2022 Report No. :ICE-2211251135 NABL ULR No. :TC592622000016196F 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.	29.50
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
25-11-2022
Reviewer


25-11-2022
PremKumar
[Authorized Signatory]

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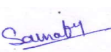
Test Report

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Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2211210923 Sample Reg. Date :21-11-2022 Report Date :25-11-2022 Report No. :ICE-2211251134 NABL ULR No. :TC592622000016231F 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	: 17-11-2022
Time of Monitoring	: 11:30 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.32
Volume of air sampled,m3	: 1857.01
Avg. Ambient Temperature,°C	: 24

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	12.22
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS: 5182 (P-6): 2017	80 Max	25.12
c.	Particulate Matter (PM ₁₀),µg/m ³	IS: 5182 (P-23): 2017	100 Max	128.27
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW/001	60 Max	55.13
e.	Ammonia(NH ₃),µg/m ³	IS: 5182 (P-25): 2018	400 Max	36.42
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


Saurabh Sharma
25-11-2022
Reviewer


25-11-2022
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. :E01-2211210923 Sample Reg. Date :21-11-2022 Report Date :25-11-2022 Report No. :ICE-2211251134 NABL ULR No. :TC592622000016231F 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.	32.12
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
25-11-2022
Reviewer


25-11-2022
PremKumar
[Authorized Signatory]

Disclaimer :

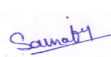
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. : E01-2211210925 Sample Reg. Date : 21-11-2022 Report Date : 25-11-2022 Report No. : ICE-2211251136 NABL ULR No. : TC592622000016199F 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	: 17-11-2022
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	: 1869.60
Avg. Ambient Temperature, °C	: 22

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	18.60
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS: 5182 (P-6): 2017	80 Max	24.17
c.	Particulate Matter (PM ₁₀), µg/m ³	IS: 5182 (P-23): 2017	100 Max	130.08
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW/001	60 Max	54.29
e.	Ammonia(NH ₃), µg/m ³	IS: 5182 (P-25): 2018	400 Max	36.51
f.	Lead(As Pb), µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


Saurabh Sharma
25-11-2022
Reviewer


25-11-2022
Prem Kumar
[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. :E01-2211210925 Sample Reg. Date :21-11-2022 Report Date :25-11-2022 Report No. :ICE-2211251136 NABL ULR No. :TC592622000016199F 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.	29.40
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)

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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
25-11-2022
Reviewer


25-11-2022
PremKumar
[Authorized Signatory]

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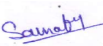
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2211210926 Sample Reg. Date :21-11-2022 Report Date :25-11-2022 Report No. :ICE-2211251137 NABL ULR No. :TC592622000016198F 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	: 17-11-2022
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	: 1836.76
Avg. Ambient Temperature,°C	: 25

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	21.29
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS: 5182 (P-6): 2017	80 Max	32.12
c.	Particulate Matter (PM ₁₀),µg/m ³	IS: 5182 (P-23): 2017	100 Max	120.54
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW/001	60 Max	54.29
e.	Ammonia(NH ₃),µg/m ³	IS: 5182 (P-25): 2018	400 Max	32.47
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


Saurabh Sharma
25-11-2022
Reviewer


25-11-2022
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. :E01-2211210926 Sample Reg. Date :21-11-2022 Report Date :25-11-2022 Report No. :ICE-2211251137 NABL ULR No. :TC592622000016198F 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.	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
25-11-2022
Reviewer


25-11-2022
PremKumar
[Authorized Signatory]

Disclaimer :

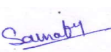
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. : E01-2211261089 Sample Reg. Date : 26-11-2022 Report Date : 01-12-2022 Report No. : ICE-2212010069 NABL ULR No. : TC592622000016435F 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	: 21-11-2022
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	: 1.31
Volume of air sampled, m ³	: 1855.44
Avg. Ambient Temperature, °C	: 22

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	8.55
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS: 5182 (P-6): 2017	80 Max	22.11
c.	Particulate Matter (PM ₁₀), µg/m ³	IS: 5182 (P-23): 2017	100 Max	148.16
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW/001	60 Max	66.92
e.	Ammonia(NH ₃), µg/m ³	IS: 5182 (P-25): 2018	400 Max	40.54
f.	Lead(As Pb), µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


Saurabh Sharma
01-12-2022
Reviewer


01-12-2022
PremKumar
[Authorized Signatory]

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2211261089 Sample Reg. Date :26-11-2022 Report Date :01-12-2022 Report No. :ICE-2212010069 NABL ULR No. :TC592622000016435F 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.	32.10
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
01-12-2022
Reviewer


01-12-2022
PremKumar
[Authorized Signatory]

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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2211261088 Sample Reg. Date :26-11-2022 Report Date :01-12-2022 Report No. :ICE-2212010068 NABL ULR No. :TC592622000016433F 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	: 21-11-2022
Time of Monitoring	: 12:10 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.32
Volume of air sampled,m3	: 1869.60
Avg. Ambient Temperature,°C	: 22

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	6.33
b.	Nitrogen Dioxide(NO2),µg/m ³	IS: 5182 (P-6): 2017	80 Max	18.22
c.	Particulate Matter (PM10),µg/m3	IS: 5182 (P-23): 2017	100 Max	130.13
d.	Particulate matter (PM 2.5),µg/m3	STP/ITC/EW/001	60 Max	56.40
e.	Ammonia(NH3),µg/m ³	IS: 5182 (P-25): 2018	400 Max	35.50
f.	Lead(As Pb),µg/m3	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)

Saurabh Sharma
Saurabh Sharma
01-12-2022
Reviewer

PremKumar
01-12-2022
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. :E01-2211261088 Sample Reg. Date :26-11-2022 Report Date :01-12-2022 Report No. :ICE-2212010068 NABL ULR No. :TC592622000016433F 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.	28.24
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
01-12-2022
Reviewer


01-12-2022
PremKumar
[Authorized Signatory]

Disclaimer :

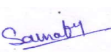
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. : E01-2211261090 Sample Reg. Date : 26-11-2022 Report Date : 01-12-2022 Report No. : ICE-2212010070 NABL ULR No. : TC592622000016436F 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	: 21-11-2022
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	: 1917.43
Avg. Ambient Temperature, °C	: 19

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	9.56
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS: 5182 (P-6): 2017	80 Max	21.11
c.	Particulate Matter (PM ₁₀), µg/m ³	IS: 5182 (P-23): 2017	100 Max	142.12
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW/001	60 Max	65.24
e.	Ammonia(NH ₃), µg/m ³	IS: 5182 (P-25): 2018	400 Max	38.24
f.	Lead(As Pb), µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


Saurabh Sharma
01-12-2022
Reviewer


01-12-2022
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. :E01-2211261090 Sample Reg. Date :26-11-2022 Report Date :01-12-2022 Report No. :ICE-2212010070 NABL ULR No. :TC592622000016436F 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.	27.50
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
01-12-2022
Reviewer


01-12-2022
PremKumar
[Authorized Signatory]

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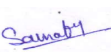
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2211261091 Sample Reg. Date :26-11-2022 Report Date :01-12-2022 Report No. :ICE-2212010073 NABL ULR No. :TC592622000016439F Customer Ref. No. :Order No.5030010814 Letter Dated :2910.2020

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Shakti Vihar
Date of Monitoring	: 21-11-2022
Time of Monitoring	: 12:40 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.31
Volume of air sampled,m3	: 1855.44
Avg. Ambient Temperature,°C	: 22

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	10.11
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS: 5182 (P-6): 2017	80 Max	22.43
c.	Particulate Matter (PM ₁₀),µg/m ³	IS: 5182 (P-23): 2017	100 Max	152.47
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW/001	60 Max	68.18
e.	Ammonia(NH ₃),µg/m ³	IS: 5182 (P-25): 2018	400 Max	36.51
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


Saurabh Sharma
01-12-2022
Reviewer


01-12-2022
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. :E01-2211261091 Sample Reg. Date :26-11-2022 Report Date :01-12-2022 Report No. :ICE-2212010073 NABL ULR No. :TC592622000016439F Customer Ref. No. :Order No.5030010814 Letter Dated :2910.2020

2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	28.13
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
01-12-2022
Reviewer


01-12-2022
PremKumar
[Authorized Signatory]

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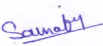
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2211261097 Sample Reg. Date :26-11-2022 Report Date :01-12-2022 Report No. :ICE-2212010081 NABL ULR No. :TC592622000016434F 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	: 24-11-2022
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	: 1897.93
Avg. Ambient Temperature,°C	: 22

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	15.27
b.	Nitrogen Dioxide(NO2),µg/m ³	IS: 5182 (P-6): 2017	80 Max	32.12
c.	Particulate Matter (PM10),µg/m3	IS: 5182 (P-23): 2017	100 Max	150.01
d.	Particulate matter (PM 2.5),µg/m3	STP/ITC/EW/001	60 Max	62.71
e.	Ammonia(NH3),µg/m ³	IS: 5182 (P-25): 2018	400 Max	36.17
f.	Lead(As Pb),µg/m3	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


Saurabh Sharma
01-12-2022
Reviewer


01-12-2022
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. :E01-2211261097 Sample Reg. Date :26-11-2022 Report Date :01-12-2022 Report No. :ICE-2212010081 NABL ULR No. :TC592622000016434F 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.	32.17
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
01-12-2022
Reviewer


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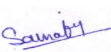
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2211261096 Sample Reg. Date :26-11-2022 Report Date :01-12-2022 Report No. :ICE-2212010080 NABL ULR No. :TC592622000016442F 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	: 24-11-2022
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	: 1869.60
Avg. Ambient Temperature,°C	: 22

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	14.55
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS: 5182 (P-6): 2017	80 Max	32.12
c.	Particulate Matter (PM ₁₀),µg/m ³	IS: 5182 (P-23): 2017	100 Max	142.17
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW/001	60 Max	70.29
e.	Ammonia(NH ₃),µg/m ³	IS: 5182 (P-25): 2018	400 Max	36.51
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


Saurabh Sharma
01-12-2022
Reviewer


01-12-2022
PremKumar
[Authorized Signatory]

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2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	30.21
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
01-12-2022
Reviewer


01-12-2022
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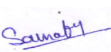
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. : E01-2211261098 Sample Reg. Date : 26-11-2022 Report Date : 01-12-2022 Report No. : ICE-2212010082 NABL ULR No. : TC592622000016443F 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	: 24-11-2022
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	: 1900.55
Avg. Ambient Temperature, °C	: 19

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	13.52
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS: 5182 (P-6): 2017	80 Max	32.09
c.	Particulate Matter (PM ₁₀), µg/m ³	IS: 5182 (P-23): 2017	100 Max	140.43
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW/001	60 Max	55.56
e.	Ammonia(NH ₃), µg/m ³	IS: 5182 (P-25): 2018	400 Max	34.52
f.	Lead(As Pb), µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


Saurabh Sharma
01-12-2022
Reviewer


01-12-2022
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. :E01-2211261098 Sample Reg. Date :26-11-2022 Report Date :01-12-2022 Report No. :ICE-2212010082 NABL ULR No. :TC592622000016443F 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.	26.12
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
01-12-2022
Reviewer


01-12-2022
PremKumar
[Authorized Signatory]

Disclaimer :

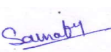
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2211261099 Sample Reg. Date :26-11-2022 Report Date :01-12-2022 Report No. :ICE-2212010084 NABL ULR No. :TC592622000016437F 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	: 24-11-2022
Time of Monitoring	: 12:10 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.28
Volume of air sampled,m3	: 1806.82
Avg. Ambient Temperature,°C	: 23

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	12.83
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS: 5182 (P-6): 2017	80 Max	23.56
c.	Particulate Matter (PM ₁₀),µg/m ³	IS: 5182 (P-23): 2017	100 Max	147.72
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW/001	60 Max	58.08
e.	Ammonia(NH ₃),µg/m ³	IS: 5182 (P-25): 2018	400 Max	34.61
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


Saurabh Sharma
01-12-2022
Reviewer


01-12-2022
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. :E01-2211261099 Sample Reg. Date :26-11-2022 Report Date :01-12-2022 Report No. :ICE-2212010084 NABL ULR No. :TC592622000016437F 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.	22.11
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
01-12-2022
Reviewer


01-12-2022
PremKumar
[Authorized Signatory]

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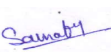
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2212010002 Sample Reg. Date :01-12-2022 Report Date :06-12-2022 Report No. :ICE-2212060244 NABL ULR No. :TC592622000016615F 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	: 28-11-2022
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	: 1877.40
Avg. Ambient Temperature,°C	: 23

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	10.36
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS: 5182 (P-6): 2017	80 Max	15.25
c.	Particulate Matter (PM ₁₀),µg/m ³	IS: 5182 (P-23): 2017	100 Max	120.58
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW/001	60 Max	54.65
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
06-12-2022
Reviewer


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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. :E01-2212010002 Sample Reg. Date :01-12-2022 Report Date :06-12-2022 Report No. :ICE-2212060244 NABL ULR No. :TC592622000016615F 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.	26.87
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
06-12-2022
Reviewer


06-12-2022
PremKumar
[Authorized Signatory]

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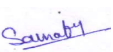
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2212010001 Sample Reg. Date :01-12-2022 Report Date :06-12-2022 Report No. :ICE-2212060242 NABL ULR No. :TC592622000016614F 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	: 28-11-2022
Time of Monitoring	: 11:30 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.31
Volume of air sampled,m3	: 1852.93
Avg. Ambient Temperature,°C	: 22

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	10.23
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS: 5182 (P-6): 2017	80 Max	15.58
c.	Particulate Matter (PM ₁₀),µg/m ³	IS: 5182 (P-23): 2017	100 Max	110.25
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW/001	60 Max	50.65
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
06-12-2022
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2212010001 Sample Reg. Date :01-12-2022 Report Date :06-12-2022 Report No. :ICE-2212060242 NABL ULR No. :TC592622000016614F 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.	28.14
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
06-12-2022
Reviewer


06-12-2022
PremKumar
[Authorized Signatory]

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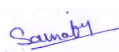
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2212010003 Sample Reg. Date :01-12-2022 Report Date :06-12-2022 Report No. :ICE-2212060243 NABL ULR No. :TC592622000016616F 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	: 28-11-2022
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	: 1869.60
Avg. Ambient Temperature,°C	: 22

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	8.85
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS: 5182 (P-6): 2017	80 Max	14.12
c.	Particulate Matter (PM ₁₀),µg/m ³	IS: 5182 (P-23): 2017	100 Max	111.20
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW/001	60 Max	51.25
e.	Ammonia(NH ₃),µg/m ³	IS: 5182 (P-25): 2018	400 Max	30.57
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


Saurabh Sharma
06-12-2022
Reviewer


06-12-2022
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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. :E01-2212010003 Sample Reg. Date :01-12-2022 Report Date :06-12-2022 Report No. :ICE-2212060243 NABL ULR No. :TC592622000016616F 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.	26.25
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
06-12-2022
Reviewer


06-12-2022
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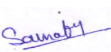
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2212010004 Sample Reg. Date :01-12-2022 Report Date :06-12-2022 Report No. :ICE-2212060250 NABL ULR No. :TC592622000016617F 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	: 28-11-2022
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	: 1897.93
Avg. Ambient Temperature,°C	: 22

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	7.52
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS: 5182 (P-6): 2017	80 Max	15.54
c.	Particulate Matter (PM ₁₀),µg/m ³	IS: 5182 (P-23): 2017	100 Max	98.58
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	28.98
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


Saurabh Sharma
06-12-2022
Reviewer


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PremKumar
[Authorized Signatory]

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2212010004 Sample Reg. Date :01-12-2022 Report Date :06-12-2022 Report No. :ICE-2212060250 NABL ULR No. :TC592622000016617F 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.	BLQ(LOQ :1.14)
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
06-12-2022
Reviewer


06-12-2022
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. : E01-2211050248 Sample Reg. Date : 05-11-2022 Report Date : 10-11-2022 Report No. : ICE-2211100469 NABL ULR No. : TC592622000015527F 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	: 04-11-2022
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 & 270 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
Saurabh Sharma
10-11-2022
Reviewer

PremKumar
10-11-2022
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

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Flue Gas Temperature, °C,Avg.	: 58
Flue Gas Velocity(m/s),Avg.	: 23.34
Volumetric Flow Rate(Nm ³ /hr.)	: 2794902.28
Ambient Air Temperature, °C	: 27

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	28.21
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	Titration	IS:11255(P-2)	Max. 200	167.41
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	240.27
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	3.16

'#' represents Customer Defined Fields

NOTE : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per EPA Act 1986/PCLS/2010 , Sample collected by lab rep. on dated 04.11.2022, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A

Saurabh Sharma
Saurabh Sharma
10-11-2022
Reviewer

PremKumar
10-11-2022
PremKumar
[Authorized Signatory]

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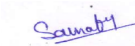
Test Report

Document QF : 2501

Page 3 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2211050248 Sample Reg. Date :05-11-2022 Report Date :10-11-2022 Report No. :ICE-2211100469 NABL ULR No. :TC592622000015527F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

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


Saurabh Sharma
10-11-2022
Reviewer


10-11-2022
PremKumar
[Authorized Signatory]

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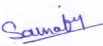
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Document QF : 2501

Page 1 of 3

Issued To	Sample Reg. No. :E01-2211050249
Jhajjar Power Limited	Sample Reg. Date :05-11-2022
Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar	Report Date :10-11-2022
Jhajjar	Report No. :ICE-2211100470
	NABL ULR No. :TC592622000015526F
	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	: 04-11-2022
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 & 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)	: 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
10-11-2022
Reviewer


10-11-2022
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. :E01-2211050249 Sample Reg. Date :05-11-2022 Report Date :10-11-2022 Report No. :ICE-2211100470 NABL ULR No. :TC592622000015526F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

Flue Gas Temperature, °C,Avg.	: 55
Flue Gas Velocity(m/s),Avg.	: 22.96
Volumetric Flow Rate(Nm ³ /hr.)	: 2774545.23
Ambient Air Temperature, °C	: 27

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	29.26
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	Titration	IS:11255(P-2)	Max. 200	157.01
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	265.23
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	3.47

'#' represents Customer Defined Fields

NOTE : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per EPA Act 1986/PCLS/2010 , Sample collected by lab rep. on dated 04.11.2022, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A

Saurabh Sharma
Saurabh Sharma
10-11-2022
Reviewer

PremKumar
10-11-2022
PremKumar
[Authorized Signatory]

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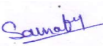
Test Report

Document QF : 2501

Page 3 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2211050249 Sample Reg. Date :05-11-2022 Report Date :10-11-2022 Report No. :ICE-2211100470 NABL ULR No. :TC592622000015526F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

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


Saurabh Sharma
10-11-2022
Reviewer


10-11-2022
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. :E01-2211120495 Sample Reg. Date :12-11-2022 Report Date :16-11-2022 Report No. :ICE-2211160697 NABL ULR No. :TC592622000015778F 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	: 11-11-2022
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	: 392 MW
(c) Type of fuel used & its consumption	: Coal & 245 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
16-11-2022
Reviewer

PremKumar
16-11-2022
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. :E01-2211120495 Sample Reg. Date :12-11-2022 Report Date :16-11-2022 Report No. :ICE-2211160697 NABL ULR No. :TC592622000015778F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Flue Gas Temperature, °C,Avg.	: 55
Flue Gas Velocity(m/s),Avg.	: 22.91
Volumetric Flow Rate(Nm ³ /hr.)	: 2764710.64
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	28.23
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-2)	Max. 200	141.78
c.	Oxides of Nitrogen (NO _x), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-7)	Max. 450	265.22
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	3.47

'#' represents Customer Defined Fields

NOTE : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per EPA Act 1986/PCLS/2010, Sample collected by lab rep. on dated 11.11.2022, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A


Saurabh Sharma
16-11-2022
Reviewer


16-11-2022
PremKumar
[Authorized Signatory]

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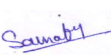
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*****End Of Report*****


Saurabh Sharma
16-11-2022
Reviewer


16-11-2022
PremKumar
[Authorized Signatory]

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Test Report as per :	: EPA Act 1986/PCLS/2010
Sampling Information :	
Date of Monitoring	: 11-11-2022
Time of Monitoring	: 11:10 to 11:34 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 & 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)	: 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
16-11-2022
Reviewer

16-11-2022
PremKumar
[Authorized Signatory]

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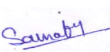
Flue Gas Temperature, °C,Avg.	: 51
Flue Gas Velocity(m/s),Avg.	: 23.14
Volumetric Flow Rate(Nm ³ /hr.)	: 2826941.24
Ambient Air Temperature, °C	: 28

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	25.21
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-2)	Max. 200	151.00
c.	Oxides of Nitrogen (NO _x), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-7)	Max. 450	255.19
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	4.68

'#' represents Customer Defined Fields

NOTE : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per EPA Act 1986/PCLS/2010, Sample collected by lab rep. on dated 11.11.2022, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A


Saurabh Sharma
16-11-2022
Reviewer


16-11-2022
PremKumar
[Authorized Signatory]

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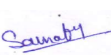
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Saurabh Sharma
16-11-2022
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2211210915 Sample Reg. Date :21-11-2022 Report Date :24-11-2022 Report No. :ICE-2211241054 NABL ULR No. :TC592622000016167F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2022
Test Report as per :	: EPA Act 1986/PCLS/2010
Sampling Information :	
Date of Monitoring	: 18-11-2022
Time of Monitoring	: 12:00 to 12:24 hrs
Name of the emission source monitored	: Stack Emission of Boiler
Rated Capacity	: 660 MW
Capacity on sampling day	: 649 MW
Type of fuel used & its consumption	: Coal & 348 Ton/hrs
Normal operating schedule	: 24 hrs
Stack Identification	: Stack attached to Boiler Unit-1 (At 65 Meter's Height)
Type of Stack/Duct	: Metal
Stack Height from Ground Level(m)	: 275
Diameter of the Stack(cm)	: 700
Sampling Duration(minutes)	: 24
Purpose of Monitoring	: For Self Monitoring
Air Pollution control measure	: ESP + FF + FGD + Low NOx Burner
Status	: Working
Recovery of Material	: -
Fugitive Emission,if any	: Nil
Observations :	

Saurabh Sharma
24-11-2022
Reviewer

24-11-2022
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. :E01-2211210915 Sample Reg. Date :21-11-2022 Report Date :24-11-2022 Report No. :ICE-2211241054 NABL ULR No. :TC592622000016167F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2022

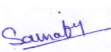
Flue Gas Temperature, °C,Avg.	: 56
Flue Gas Velocity(m/s),Avg.	: 23.70
Volumetric Flow Rate(Nm ³ /hr.)	: 2851352.34
Ambient Air Temperature, °C	: 24

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	34.23
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-2)	Max. 200	167.49
c.	Oxides of Nitrogen (NO _x), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-7)	Max. 450	265.18
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	4.61

'#' represents Customer Defined Fields

NOTE : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per EPA Act 1986/PCLS/2010, Sample collected by lab rep. on dated 18.11.2022, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A


Saurabh Sharma
24-11-2022
Reviewer


24-11-2022
PremKumar
[Authorized Signatory]

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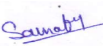
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Test Report

Document QF : 2501
Page 3 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2211210915 Sample Reg. Date :21-11-2022 Report Date :24-11-2022 Report No. :ICE-2211241054 NABL ULR No. :TC592622000016167F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2022

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


Saurabh Sharma
24-11-2022
Reviewer


24-11-2022
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. :E01-2211210917 Sample Reg. Date :21-11-2022 Report Date :24-11-2022 Report No. :ICE-2211241055 NABL ULR No. :TC592622000016166F 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	: 18-11-2022
Time of Monitoring	: 10:40 to 11:04 hrs
Name of the emission source monitored	: Stack Emission of Boiler
Rated Capacity	: 660 MW
Capacity on sampling day	: 660 MW
Type of fuel used & its consumption	: Coal & 372 Ton/hrs
Normal operating schedule	: 24 hrs
Stack Identification	: Stack attached to Boiler Unit-2 (At 65 meter's Height)
Type of Stack/Duct	: Metal
Stack Height from Ground Level(m)	: 275
Diameter of the Stack(cm)	: 700
Sampling Duration(minutes)	: 24
Purpose of Monitoring	: For Self Monitoring
Air Pollution control measure	: ESP + FF + FGD + Low NOx Burner
Status	: Working
Recovery of Material	: -
Fugitive Emission,if any	: Nil
Observations :	

Saurabh Sharma
24-11-2022
Reviewer

24-11-2022
PremKumar
[Authorized Signatory]

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2211210917 Sample Reg. Date :21-11-2022 Report Date :24-11-2022 Report No. :ICE-2211241055 NABL ULR No. :TC592622000016166F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

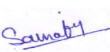
Flue Gas Temperature, °C,Avg.	: 51
Flue Gas Velocity(m/s),Avg.	: 23.34
Volumetric Flow Rate(Nm ³ /hr.)	: 2851374.62
Ambient Air Temperature, °C	: 24

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	25.27
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-2)	Max. 200	188.39
c.	Oxides of Nitrogen (NO _x), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-7)	Max. 450	215.27
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	6.06

'#' represents Customer Defined Fields

NOTE : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per EPA Act 1986/PCLS/2010, Sample collected by lab rep. on dated 18.11.2022, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A


Saurabh Sharma
24-11-2022
Reviewer


24-11-2022
PremKumar
[Authorized Signatory]

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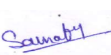
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*****End Of Report*****


Saurabh Sharma
24-11-2022
Reviewer


24-11-2022
PremKumar
[Authorized Signatory]

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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2211261085 Sample Reg. Date :26-11-2022 Report Date :30-11-2022 Report No. :ICE-2211301302 NABL ULR No. :TC592622000016395F 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	: 25-11-2022
Time of Monitoring	: 10:14 to 10:38 hrs
Name of the emission source monitored	: Stack Emission of Boiler
Rated Capacity	: 660 MW
Capacity on sampling day	: 640 MW
Type of fuel used & its consumption	: Coal & 355 Ton/hrs
Normal operating schedule	: 24 hrs
Stack Identification	: Stack attached to Boiler, Unit-1 (At 65 Meter's Height)
Type of Stack/Duct	: Metal
Stack Height from Ground Level(m)	: 275
Diameter of the Stack(cm)	: 700
Sampling Duration(minutes)	: 24
Purpose of Monitoring	: For Self Monitoring
Air Pollution control measure	: ESP + FF + FGD + Low NOx Burner
Status	: Working
Recovery of Material	: -
Fugitive Emission,if any	: Nil
Observations :	

Saurabh Sharma
Saurabh Sharma
30-11-2022
Reviewer

PremKumar
01-12-2022
PremKumar
[Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.

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Panchkula-134109 (Haryana)
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Test Report

Document QF : 2501
Page 2 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2211261085 Sample Reg. Date :26-11-2022 Report Date :30-11-2022 Report No. :ICE-2211301302 NABL ULR No. :TC592622000016395F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Flue Gas Temperature, °C,Avg.	: 54
Flue Gas Velocity(m/s),Avg.	: 22.96
Volumetric Flow Rate(Nm ³ /hr.)	: 2783030.08
Ambient Air Temperature, °C	: 24

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	26.28
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-2)	Max. 200	173.42
c.	Oxides of Nitrogen (NO _x), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-7)	Max. 450	190.18
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	3.91

'#' represents Customer Defined Fields

NOTE : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per EPA Act 1986/PCLS/2010, Sample collected by lab rep. on dated 25.11.2022, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A


Saurabh Sharma
30-11-2022
Reviewer


01-12-2022
PremKumar
[Authorized Signatory]

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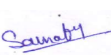
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2211261085 Sample Reg. Date :26-11-2022 Report Date :30-11-2022 Report No. :ICE-2211301302 NABL ULR No. :TC592622000016395F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

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


Saurabh Sharma
30-11-2022
Reviewer


01-12-2022
PremKumar
[Authorized Signatory]

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2211261086 Sample Reg. Date :26-11-2022 Report Date :30-11-2022 Report No. :ICE-2211301303 NABL ULR No. :TC592622000016396F 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	: 25-11-2022
Time of Monitoring	: 10:49 to 11:13 hrs
Name of the emission source monitored	: Stack Emission of Boiler
Rated Capacity	: 660 MW
Capacity on sampling day	: 650 MW
Type of fuel used & its consumption	: Coal & 400 Ton/hrs
Normal operating schedule	: 24 hrs
Stack Identification	: Stack attached to Boiler, Unit-2 (At 65 Meter's Height)
Type of Stack/Duct	: Metal
Stack Height from Ground Level(m)	: 275
Diameter of the Stack(cm)	: 700
Sampling Duration(minutes)	: 24
Purpose of Monitoring	: For Self Monitoring
Air Pollution control measure	: ESP + FF +FGD + Low NOx Burner
Status	: FGD Not Working
Recovery of Material	: -
Fugitive Emission,if any	: Nil
Observations :	

Saurabh Sharma
Saurabh Sharma
30-11-2022
Reviewer

PremKumar
01-12-2022
PremKumar
[Authorized Signatory]

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2211261086 Sample Reg. Date :26-11-2022 Report Date :30-11-2022 Report No. :ICE-2211301303 NABL ULR No. :TC592622000016396F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Flue Gas Temperature, °C,Avg.	: 80
Flue Gas Velocity(m/s),Avg.	: 24.11
Volumetric Flow Rate(Nm ³ /hr.)	: 2703466.19
Ambient Air Temperature, °C	: 23

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	31.29
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-2)	Max. 200	548.43
c.	Oxides of Nitrogen (NO _x), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-7)	Max. 450	200.42
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	1.27

'#' represents Customer Defined Fields

NOTE : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per EPA Act 1986/PCLS/2010, Sample collected by lab rep. on dated 25.11.2022, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A


Saurabh Sharma
30-11-2022
Reviewer


01-12-2022
PremKumar
[Authorized Signatory]

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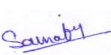
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*****End Of Report*****


Saurabh Sharma
30-11-2022
Reviewer


01-12-2022
PremKumar
[Authorized Signatory]

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Test Report

Document QF : 2501

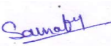
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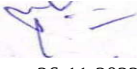
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2211210892 Sample Reg. Date :21-11-2022 Report Date :26-11-2022 Report No. :ICE-2211261210 (1) NABL ULR No. :TC592622000016309F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

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	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	21-11-2022
n)	Date of Start	21-11-2022
o)	Date of Completion	26-11-2022
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: 18.11.2022


Saurabh Sharma
26-11-2022
Reviewer


26-11-2022
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. :E01-2211210892 Sample Reg. Date :21-11-2022 Report Date :26-11-2022 Report No. :ICE-2211261210 (1) NABL ULR No. :TC592622000016309F 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	Instrument	Method	Result
Discipline : Chemical				
Group : Pollution & Environment				
1. General Parameters				
a.	Colour	Visual	IS: 3025 (P-4)-2021	Greyish
b.	Odour.	Organoleptic	IS: 3025 (P-5)-2018	None
c.	pH Value	pH Meter	IS: 3025 (Part 11): 2017	8.23
d.	Total Suspended Solids,(mg/L)	Gravimetric	IS 3025 (Part 17): 2017	46
e.	Total Dissolved Solids (mg/L)	Gravimetric	IS 3025 (Part 16) : 2017	510
f.	Chemical Oxygen Demand(mg/L)	COD Reflux Assembly	IS 3025 (Part 58) : 2017	138
g.	Bio-chemical Oxygen Demand, mg/L (3 days at 27°C)	BOD Incubator	IS 3025 (Part 44) : 2019	45
h.	Oil & Grease(mg/L)	Gravimetric	IS 3025 (Part 39) : 2021	<4.0

Saurabh
Saurabh Sharma
26-11-2022
Reviewer

PremKumar
26-11-2022
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. :E01-2211210892 Sample Reg. Date :21-11-2022 Report Date :26-11-2022 Report No. :ICE-2211261210 (1) NABL ULR No. :TC592622000016309F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

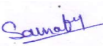
i.	Zinc(As Zn)(mg/L)	ICPOES	IS:3025 (Part-2): 2019	0.05
j.	Arsenic(as As)(mg/L)	ICPOES	IS:3025 (Part-2): 2019	BLQ(LOQ:0.05)
k.	Total Chromium as Cr (mg/L)	ICPOES	IS:3025 (Part-2): 2019	BLQ(LOQ:0.05)
l.	Cyanide (as CN),(mg/L)	UV- Spectrophotometer	IS 3025 (Part 27): 2019	BLQ(LOQ:0.05)
m.	Iron(as Fe)(mg/L)	ICPOES	IS:3025 (Part-2): 2019	BLQ(LOQ:0.05)
n.	Temperature(°C)	THERMOMETER	IS 3025 (Part 9): 2017	25
o.	Free Residual Chlorine (mg/L)	Titration	IS: 3025 (P-26): 2021	BLQ(LOQ:0.1)

'*' 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
 26-11-2022
 Reviewer


 26-11-2022
 PremKumar
 [Authorized Signatory]

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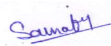
Page 1 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2211210894 Sample Reg. Date :21-11-2022 Report Date :05-12-2022 Report No. :ICE-2212050199 (1) NABL ULR No. :TC592622000016583F 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	21-11-2022
n)	Date of Start	21-11-2022
o)	Date of Completion	05-12-2022
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample collected by lab rep. on 18.11.2022


 Saurabh Sharma
 05-12-2022
 Reviewer


 05-12-2022
 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. :E01-2211210894 Sample Reg. Date :21-11-2022 Report Date :05-12-2022 Report No. :ICE-2212050199 (1) NABL ULR No. :TC592622000016583F 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	8.28
d.	Total Suspended Solids,(mg/L)	IS 3025 (Part 17): 2017	Max. 100	5
e.	Total Dissolved Solids (mg/L)	IS 3025 (Part 16) : 2017	Not Specified	506
f.	Chemical Oxygen Demand(mg/L)	IS 3025 (Part 58) : 2017	Max. 250	30
g.	Bio-chemical Oxygen Demand, mg/L (3 days at 27°C)	IS 3025 (Part 44) : 2019	Max. 30	8
h.	Oil & Grease(mg/L)	IS 3025 (Part 39) : 2021	Max. 10	<4.0

Saurabh Sharma
05-12-2022
Reviewer

05-12-2022
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. :E01-2211210894 Sample Reg. Date :21-11-2022 Report Date :05-12-2022 Report No. :ICE-2212050199 (1) NABL ULR No. :TC592622000016583F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

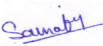
i.	Zinc(As Zn)(mg/L)	IS:3025 (Part-2): 2019	Max. 5.0	BLQ(LOQ:0.05)
j.	Arsenic(as As)(mg/L)	IS:3025 (Part-2): 2019	Max. 0.2	BLQ(LOQ:0.05)
k.	Total Chromium as Cr (mg/L)	IS:3025 (Part-2): 2019	Max. 2.0	BLQ(LOQ:0.05)
l.	Cyanide (as CN),(mg/L)	IS 3025 (Part 27): 2019	Max. 0.2	BLQ(LOQ:0.05)
m.	Iron(as Fe)(mg/L)	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)

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, Requirement as per EPA Act 1986/PCLS/2010. Sampling Procedure - SOP/ITC/EW/030

REMARKS : N/A

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


 Saurabh Sharma
 05-12-2022
 Reviewer


 05-12-2022
 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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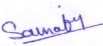
Page 1 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2211210896 Sample Reg. Date :21-11-2022 Report Date :26-11-2022 Report No. :ICE-2211261211 NABL ULR No. :TC592622000016299F 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	21-11-2022
n)	Date of Start	21-11-2022
o)	Date of Completion	26-11-2022
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: 18.11.2022


Saurabh Sharma
26-11-2022
Reviewer


26-11-2022
PremKumar
[Authorized Signatory]

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Document QF : 2501

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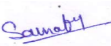
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2211210896 Sample Reg. Date :21-11-2022 Report Date :26-11-2022 Report No. :ICE-2211261211 NABL ULR No. :TC592622000016299F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

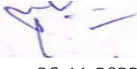
s)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
t)	Manufactured By [#]	NA
u)	Supplied By [#]	NA

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		7.46
d.	Total Suspended Solids,(mg/L)	IS 3025 (Part 17): 2017		38
e.	Total Dissolved Solids (mg/L)	IS 3025 (Part 16) : 2017	-	1008
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		35
h.	Oil & Grease(mg/L)	IS 3025 (Part 39) : 2021		<4.0


Saurabh Sharma
26-11-2022
Reviewer


26-11-2022
PremKumar
[Authorized Signatory]

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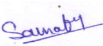
i.	Free Residual Chlorine (mg/L)	IS: 3025 (P-26): 2021		BLQ(LOQ:1.0)

'#' 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
 26-11-2022
 Reviewer


 26-11-2022
 PremKumar
 [Authorized Signatory]

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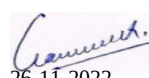
Page 1 of 3

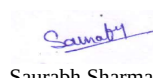
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2211210897 Sample Reg. Date :21-11-2022 Report Date :26-11-2022 Report No. :ICE-2211261226 (1) NABL ULR No. :TC592622000016307F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

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 [#]	1 Ltr
k)	Batch Size/Location [#]	NA
l)	Mode of Packing	Packed in can
m)	Date of Receipt	21-11-2022
n)	Date of Start	21-11-2022
o)	Date of Completion	26-11-2022
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: 18.11.2022


26-11-2022
Gaurav Khandelwal
[Authorized Signatory]


Saurabh Sharma
26-11-2022
Reviewer


26-11-2022
PremKumar
[Authorized Signatory]

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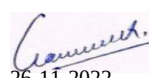
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2211210897 Sample Reg. Date :21-11-2022 Report Date :26-11-2022 Report No. :ICE-2211261226 (1) NABL ULR No. :TC592622000016307F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

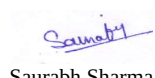
s)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
t)	Manufactured By [#]	NA
u)	Supplied By [#]	NA

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	-	166
c.	Magnesium as Mg(mg/L)	IS: 3025 Part 46): 2019	-	50
d.	Sodium(as Na)(mg/L)	IS 3025(Part 45): 2019	-	38
e.	Potassium as K,(mg/L)	APHA 23rd Edition-3500K B: 2017		1.9
Discipline : Biological				
Group : Pollution & Environment				


26-11-2022
Gaurav Khandelwal
[Authorized Signatory]


Saurabh Sharma
26-11-2022
Reviewer


26-11-2022
PremKumar
[Authorized Signatory]

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Test Report

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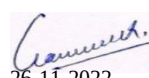
1.	Microbiological Tests			
a.	Faecal Coliforms, (MPN/100mL)	APHA-23 rd Edn 17-9221 F		4.0 x 10 ⁵
b.	E.coli, (MPN/100mL)	APHA-23 rd Edn 17-9221 F		3.2 x 10 ⁵
c.	Total Coliform (MPN/100ml)	APHA-23 rd Edn 17-9221 F		7.6 x 10 ⁵

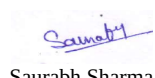
'*' represents categories/test parameters not covered under NABL '#' represents Customer Defined Fields

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*****


 26-11-2022
 Gaurav Khandelwal
 [Authorized Signatory]


 Saurabh Sharma
 26-11-2022
 Reviewer


 26-11-2022
 PremKumar
 [Authorized Signatory]

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

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Test Report

Document QF : 2501

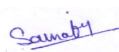
Page 1 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2211210898 Sample Reg. Date :21-11-2022 Report Date :26-11-2022 Report No. :ICE-2211261212 NABL ULR No. :TC592622000016298F 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	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	21-11-2022
n)	Date of Start	21-11-2022
o)	Date of Completion	26-11-2022
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: 18.11.2022


Saurabh Sharma
26-11-2022
Reviewer


26-11-2022
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. :E01-2211210898 Sample Reg. Date :21-11-2022 Report Date :26-11-2022 Report No. :ICE-2211261212 NABL ULR No. :TC592622000016298F 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		
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	7.44
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	Not Specified	619
f.	Chemical Oxygen Demand(mg/L)	IS 3025 (Part 58) : 2017	Not Specified	76
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 Sharma
26-11-2022
Reviewer

26-11-2022
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. :E01-2211210898 Sample Reg. Date :21-11-2022 Report Date :26-11-2022 Report No. :ICE-2211261212 NABL ULR No. :TC592622000016298F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

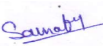
i.	Free Residual Chlorine (mg/L)	IS: 3025 (Part 26)-2021	Max. 1.0	BLQ(LOQ:1.0)

'#' 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
 26-11-2022
 Reviewer


 26-11-2022
 PremKumar
 [Authorized Signatory]

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Test Report

Document QF : 2501

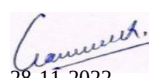
Page 1 of 3

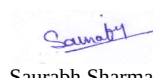
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2211210899 Sample Reg. Date :21-11-2022 Report Date :28-11-2022 Report No. :ICE-2211281232 (1) NABL ULR No. :TC592622000016322F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

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 can
m)	Date of Receipt	21-11-2022
n)	Date of Start	21-11-2022
o)	Date of Completion	28-11-2022
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample collected by lab rep. on 18.11.2022


28-11-2022
Gaurav Khandelwal
[Authorized Signatory]


Saurabh Sharma
28-11-2022
Reviewer


28-11-2022
PremKumar
[Authorized Signatory]

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Test Report

Document QF : 2501

Page 2 of 3

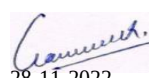
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2211210899 Sample Reg. Date :21-11-2022 Report Date :28-11-2022 Report No. :ICE-2211281232 (1) NABL ULR No. :TC592622000016322F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

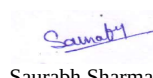
s)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
t)	Manufactured By [#]	NA
u)	Supplied By [#]	NA

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	94
c.	Magnesium as Mg(mg/L)	IS: 3025 Part 46): 2019	Not Specified	30
d.	Sodium(as Na)(mg/L)	IS 3025(Part 45): 2019	Not Specified	24.5
e.	Potassium as K,(mg/L)	APHA 23rd Edition-3500K B: 2017	Not Specified	1.1
Discipline : Biological				
Group : Pollution & Environment				


28-11-2022
Gaurav Khandelwal
[Authorized Signatory]


Saurabh Sharma
28-11-2022
Reviewer


28-11-2022
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 3 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2211210899 Sample Reg. Date :21-11-2022 Report Date :28-11-2022 Report No. :ICE-2211281232 (1) NABL ULR No. :TC592622000016322F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

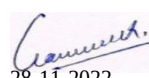
1.	Microbiological Tests			
a.	Faecal Coliform, MPN/100ml	APHA-23 rd Edn 17-9221 F	Max. 1000	540
b.	E.coli, (MPN/100mL)	APHA 23rd Edn 17-9221 E	Not Specified	350
c.	Total Coliform (MPN/100ml)	APHA-23 rd Edn 17-9221 F	Not Specified	920

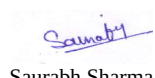
'*' represents categories/test parameters not covered under NABL '#' represents Customer Defined Fields

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

REMARKS :N/A

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


 28-11-2022
 Gaurav Khandelwal
 [Authorized Signatory]


 Saurabh Sharma
 28-11-2022
 Reviewer


 28-11-2022
 PremKumar
 [Authorized Signatory]

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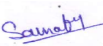
Page 1 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2211210900 Sample Reg. Date :21-11-2022 Report Date :26-11-2022 Report No. :ICE-2211261214 NABL ULR No. :TC592622000016297F 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	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	21-11-2022
n)	Date of Start	21-11-2022
o)	Date of Completion	26-11-2022
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: 18.11.2022


Saurabh Sharma
26-11-2022
Reviewer


26-11-2022
PremKumar
[Authorized Signatory]

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Test Report

Document QF : 2501

Page 2 of 3

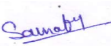
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2211210900 Sample Reg. Date :21-11-2022 Report Date :26-11-2022 Report No. :ICE-2211261214 NABL ULR No. :TC592622000016297F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

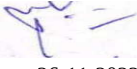
s)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
t)	Manufactured By [#]	NA
u)	Supplied By [#]	NA

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 Yellowish
b.	Odour.	IS: 3025 (P-5)-2018		None
c.	pH Value	IS: 3025 (Part 11): 2017		7.34
d.	Total Suspended Solids,(mg/L)	IS 3025 (Part 17): 2017		53
e.	Total Dissolved Solids (mg/L)	IS 3025 (Part 16) : 2017	-	810
f.	Chemical Oxygen Demand(mg/L)	IS 3025 (Part 58) : 2017		128
g.	Bio-chemical Oxygen Demand, mg/L (3 days at 27°C)	IS 3025 (Part 44) : 2019		40
h.	Oil & Grease(mg/L)	IS 3025 (Part 39) : 2021		<4.0


Saurabh Sharma
26-11-2022
Reviewer


26-11-2022
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. :E01-2211210900 Sample Reg. Date :21-11-2022 Report Date :26-11-2022 Report No. :ICE-2211261214 NABL ULR No. :TC592622000016297F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

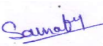
i.	Free Residual Chlorine (mg/L)	IS: 3025 (P-26): 2021		BLQ(LOQ:1.0)

'#' 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
26-11-2022
Reviewer


26-11-2022
PremKumar
[Authorized Signatory]

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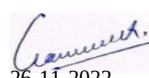
Page 1 of 3

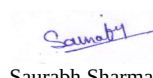
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2211210901 Sample Reg. Date :21-11-2022 Report Date :26-11-2022 Report No. :ICE-2211261224 (1) NABL ULR No. :TC592622000016306F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

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	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 #	1 Ltr
k)	Batch Size/Location #	NA
l)	Mode of Packing	Packed in can
m)	Date of Receipt	21-11-2022
n)	Date of Start	21-11-2022
o)	Date of Completion	26-11-2022
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: 18.11.2022


26-11-2022
Gaurav Khandelwal
[Authorized Signatory]


Saurabh Sharma
26-11-2022
Reviewer


26-11-2022
PremKumar
[Authorized Signatory]

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Test Report

Document QF : 2501

Page 2 of 3

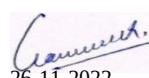
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2211210901 Sample Reg. Date :21-11-2022 Report Date :26-11-2022 Report No. :ICE-2211261224 (1) NABL ULR No. :TC592622000016306F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

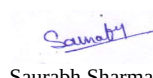
s)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
t)	Manufactured By [#]	NA
u)	Supplied By [#]	NA

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	-	135
c.	Magnesium as Mg(mg/L)	IS: 3025 Part 46): 2019	-	52
d.	Sodium(as Na)(mg/L)	IS 3025(Part 45): 2019	-	32.2
e.	Potassium as K,(mg/L)	APHA 23rd Edition-3500K B: 2017		8.1
Discipline : Biological				
Group : Pollution & Environment				


26-11-2022
Gaurav Khandelwal
[Authorized Signatory]


Saurabh Sharma
26-11-2022
Reviewer


26-11-2022
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. :E01-2211210901 Sample Reg. Date :21-11-2022 Report Date :26-11-2022 Report No. :ICE-2211261224 (1) NABL ULR No. :TC592622000016306F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

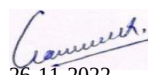
1.	Microbiological Tests			
a.	Faecal Coliforms, (MPN/100mL)	APHA-23 rd Edn 17-9221 F		1.8 x 10 ⁶
b.	E.coli, (MPN/100mL)	APHA-23 rd Edn 17-9221 F		1.1 x 10 ⁶
c.	Total Coliform (MPN/100ml)	APHA-23 rd Edn 17-9221 F		2.2 x 10 ⁶

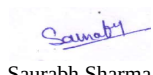
'*' represents categories/test parameters not covered under NABL '#' represents Customer Defined Fields

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*****


 26-11-2022
 Gaurav Khandelwal
 [Authorized Signatory]


 Saurabh Sharma
 26-11-2022
 Reviewer


 26-11-2022
 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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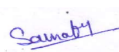
Page 1 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2211210902 Sample Reg. Date :21-11-2022 Report Date :26-11-2022 Report No. :ICE-2211261216 NABL ULR No. :TC592622000016296F 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	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	21-11-2022
n)	Date of Start	21-11-2022
o)	Date of Completion	26-11-2022
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: 18.11.2022


Saurabh Sharma
26-11-2022
Reviewer


26-11-2022
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. :E01-2211210902 Sample Reg. Date :21-11-2022 Report Date :26-11-2022 Report No. :ICE-2211261216 NABL ULR No. :TC592622000016296F 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	7.21
d.	Total Suspended Solids,(mg/L)	IS 3025 (Part 17): 2017	Max. 100	5
e.	Total Dissolved Solids (mg/L)	IS 3025 (Part 16) : 2017	Not Specified	600
f.	Chemical Oxygen Demand(mg/L)	IS 3025 (Part 58) : 2017	Not Specified	13
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
26-11-2022
Reviewer


26-11-2022
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. :E01-2211210902 Sample Reg. Date :21-11-2022 Report Date :26-11-2022 Report No. :ICE-2211261216 NABL ULR No. :TC592622000016296F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

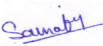
i.	Free Residual Chlorine (mg/L)	IS: 3025 (Part 26)-2021	Max. 1.0	BLQ(LOQ:1.0)

'#' 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
26-11-2022
Reviewer


26-11-2022
PremKumar
[Authorized Signatory]

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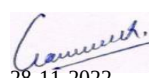
Page 1 of 3

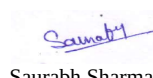
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2211210903 Sample Reg. Date :21-11-2022 Report Date :28-11-2022 Report No. :ICE-2211281233 (1) NABL ULR No. :TC592622000016323F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

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 can
m)	Date of Receipt	21-11-2022
n)	Date of Start	21-11-2022
o)	Date of Completion	28-11-2022
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample collected by lab rep. on 18.11.2022


 28-11-2022
 Gaurav Khandelwal
 [Authorized Signatory]


 Saurabh Sharma
 28-11-2022
 Reviewer


 28-11-2022
 PremKumar
 [Authorized Signatory]

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Test Report

Document QF : 2501

Page 2 of 3

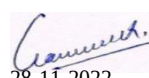
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2211210903 Sample Reg. Date :21-11-2022 Report Date :28-11-2022 Report No. :ICE-2211281233 (1) NABL ULR No. :TC592622000016323F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

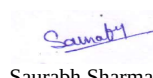
s)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
t)	Manufactured By [#]	NA
u)	Supplied By [#]	NA

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	53
c.	Magnesium as Mg(mg/L)	IS: 3025 Part 46): 2019	Not Specified	40
d.	Sodium(as Na)(mg/L)	IS 3025(Part 45): 2019	Not Specified	69.9
e.	Potassium as K,(mg/L)	APHA 23rd Edition-3500K B: 2017	Not Specified	16.3
Discipline : Biological				
Group : Pollution & Environment				


28-11-2022
Gaurav Khandelwal
[Authorized Signatory]


Saurabh Sharma
28-11-2022
Reviewer


28-11-2022
PremKumar
[Authorized Signatory]

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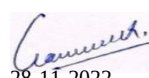
1.	Microbiological Tests			
a.	Faecal Coliform, MPN/100ml	APHA-23 rd Edn 17-9221 F	Max. 1000	809
b.	E.coli, (MPN/100mL)	APHA 23rd Edn 17-9221 E	Not Specified	693
c.	Total Coliform (MPN/100ml)	APHA-23 rd Edn 17-9221 F	Not Specified	938

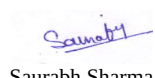
'*' represents categories/test parameters not covered under NABL '#' represents Customer Defined Fields

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*****


28-11-2022
Gaurav Khandelwal
[Authorized Signatory]


Saurabh Sharma
28-11-2022
Reviewer


28-11-2022
PremKumar
[Authorized Signatory]

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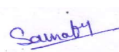
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2211210927 Sample Reg. Date :21-11-2022 Report Date :24-11-2022 Report No. :ICE-2211241081 NABL ULR No. :TC592622000016165F 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	: 18-11-2022
Time of Monitoring	: Day & Night
Nature of Industry	: Thermal Power Plant
Purpose of Monitoring	: For Self Monitoring

Description				
Description		Noise Monitoring		
S.No.	Parameters	Method	Specification	Result
	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	55.5
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	54.7
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	53.0
f.	Near Gate No.3 (Night Time), Leq dB (A)	IS:9989(RA 2014)	Max. 70.0	47.9
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	47.3


Saurabh Sharma
24-11-2022
Reviewer


24-11-2022
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. :E01-2211210927 Sample Reg. Date :21-11-2022 Report Date :24-11-2022 Report No. :ICE-2211241081 NABL ULR No. :TC592622000016165F 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	53.3
j.	Near D Block (Night Time), Leq dB (A)	IS:9989(RA 2014)	Max. 70.0	49.1

'#' 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
24-11-2022
Reviewer


24-11-2022
PremKumar
[Authorized Signatory]

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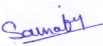
Test Report

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Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2212030109 Sample Reg. Date :03-12-2022 Report Date :08-12-2022 Report No. :ICE-2212080325 NABL ULR No. :TC592622000016692F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Gate No. 3
Date of Monitoring	: 01-12-2022
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	: 1855.44
Avg. Ambient Temperature, °C	: 22

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	21.15
c.	Particulate Matter (PM ₁₀), µg/m ³	IS: 5182 (P-23): 2017	100 Max	145.41
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW/001	60 Max	73.23
e.	Ammonia(NH ₃), µg/m ³	IS: 5182 (P-25): 2018	400 Max	40.28
f.	Lead(As Pb), µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


Saurabh Sharma
08-12-2022
Reviewer


08-12-2022
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 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2212030109 Sample Reg. Date :03-12-2022 Report Date :08-12-2022 Report No. :ICE-2212080325 NABL ULR No. :TC592622000016692F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	32.14
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
08-12-2022
Reviewer


08-12-2022
PremKumar
[Authorized Signatory]

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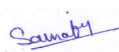
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2212030108 Sample Reg. Date :03-12-2022 Report Date :08-12-2022 Report No. :ICE-2212080326 NABL ULR No. :TC592622000016687F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Block C-6
Date of Monitoring	: 01-12-2022
Time of Monitoring	: 11:30 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.31
Volume of air sampled,m3	: 1846.67
Avg. Ambient Temperature,°C	: 23

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	8.12
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS: 5182 (P-6): 2017	80 Max	20.65
c.	Particulate Matter (PM ₁₀),µg/m ³	IS: 5182 (P-23): 2017	100 Max	118.21
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW/001	60 Max	62.21
e.	Ammonia(NH ₃),µg/m ³	IS: 5182 (P-25): 2018	400 Max	35.07
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


Saurabh Sharma
08-12-2022
Reviewer


08-12-2022
PremKumar
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2212030108 Sample Reg. Date :03-12-2022 Report Date :08-12-2022 Report No. :ICE-2212080326 NABL ULR No. :TC592622000016687F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	22.00
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
08-12-2022
Reviewer


08-12-2022
PremKumar
[Authorized Signatory]

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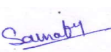
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2212030110 Sample Reg. Date :03-12-2022 Report Date :08-12-2022 Report No. :ICE-2212080324 NABL ULR No. :TC592622000016685F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Village-Khanpur
Date of Monitoring	: 01-12-2022
Time of Monitoring	: 10:30 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.33
Volume of air sampled,m3	: 1890.17
Avg. Ambient Temperature,°C	: 21

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
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	10.60
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS: 5182 (P-6): 2017	80 Max	18.28
c.	Particulate Matter (PM ₁₀),µg/m ³	IS: 5182 (P-23): 2017	100 Max	135.44
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW/001	60 Max	68.18
e.	Ammonia(NH ₃),µg/m ³	IS: 5182 (P-25): 2018	400 Max	36.24
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


Saurabh Sharma
08-12-2022
Reviewer


08-12-2022
PremKumar
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2212030110 Sample Reg. Date :03-12-2022 Report Date :08-12-2022 Report No. :ICE-2212080324 NABL ULR No. :TC592622000016685F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	30.19
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)

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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
08-12-2022
Reviewer


08-12-2022
PremKumar
[Authorized Signatory]

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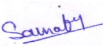
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2212030111 Sample Reg. Date :03-12-2022 Report Date :08-12-2022 Report No. :ICE-2212080323 NABL ULR No. :TC592622000016684F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Shakti Vihar
Date of Monitoring	: 01-12-2022
Time of Monitoring	: 12:00 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.32
Volume of air sampled,m3	: 1863.28
Avg. Ambient Temperature,°C	: 23

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	11.25
b.	Nitrogen Dioxide(NO2),µg/m ³	IS: 5182 (P-6): 2017	80 Max	22.52
c.	Particulate Matter (PM10),µg/m3	IS: 5182 (P-23): 2017	100 Max	120.81
d.	Particulate matter (PM 2.5),µg/m3	STP/ITC/EW/001	60 Max	68.18
e.	Ammonia(NH3),µg/m ³	IS: 5182 (P-25): 2018	400 Max	34.13
f.	Lead(As Pb),µg/m3	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


 Saurabh Sharma
 08-12-2022
 Reviewer


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 PremKumar
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2212030111 Sample Reg. Date :03-12-2022 Report Date :08-12-2022 Report No. :ICE-2212080323 NABL ULR No. :TC592622000016684F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	28.23
b.	Carbon Monoxide(CO),mg/m ³	IS: 5182 (P-10): 2019	2 Max.	BLQ(LOQ:1.14)
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
08-12-2022
Reviewer


08-12-2022
PremKumar
[Authorized Signatory]

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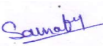
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2212120363 Sample Reg. Date :12-12-2022 Report Date :17-12-2022 Report No. :ICE-2212170766 NABL ULR No. :TC592622000017026F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Gate No.3
Date of Monitoring	: 05-12-2022
Time of Monitoring	: 11:30 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.31
Volume of air sampled,m3	: 1861.75
Avg. Ambient Temperature,°C	: 21

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	15.31
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS: 5182 (P-6): 2017	80 Max	26.13
c.	Particulate Matter (PM ₁₀),µg/m ³	IS: 5182 (P-23): 2017	100 Max	155.28
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW/001	60 Max	68.18
e.	Ammonia(NH ₃),µg/m ³	IS: 5182 (P-25): 2018	400 Max	37.47
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


Saurabh Sharma
17-12-2022
Reviewer


17-12-2022
PremKumar
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2212120363 Sample Reg. Date :12-12-2022 Report Date :17-12-2022 Report No. :ICE-2212170766 NABL ULR No. :TC592622000017026F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	32.15
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
17-12-2022
Reviewer


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PremKumar
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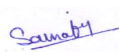
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2212120362 Sample Reg. Date :12-12-2022 Report Date :17-12-2022 Report No. :ICE-2212170765 NABL ULR No. :TC592622000017025F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Block C-3
Date of Monitoring	: 05-12-2022
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	: 1895.36
Avg. Ambient Temperature,°C	: 22

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	10.21
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS: 5182 (P-6): 2017	80 Max	24.15
c.	Particulate Matter (PM ₁₀),µg/m ³	IS: 5182 (P-23): 2017	100 Max	124.09
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW/001	60 Max	60.19
e.	Ammonia(NH ₃),µg/m ³	IS: 5182 (P-25): 2018	400 Max	36.19
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


Saurabh Sharma
17-12-2022
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2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	28.55
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
17-12-2022
Reviewer


17-12-2022
PremKumar
[Authorized Signatory]

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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2212120364 Sample Reg. Date :12-12-2022 Report Date :17-12-2022 Report No. :ICE-2212170764 NABL ULR No. :TC592622000017027F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Village- Khanpur
Date of Monitoring	: 05-12-2022
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	: 1882.36
Avg. Ambient Temperature,°C	: 20

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	9.11
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS: 5182 (P-6): 2017	80 Max	21.17
c.	Particulate Matter (PM ₁₀),µg/m ³	IS: 5182 (P-23): 2017	100 Max	148.54
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW/001	60 Max	68.18
e.	Ammonia(NH ₃),µg/m ³	IS: 5182 (P-25): 2018	400 Max	40.12
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)

Saurabh Sharma
Saurabh Sharma
17-12-2022
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PremKumar
17-12-2022
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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. :E01-2212120364 Sample Reg. Date :12-12-2022 Report Date :17-12-2022 Report No. :ICE-2212170764 NABL ULR No. :TC592622000017027F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	34.51
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
17-12-2022
Reviewer


17-12-2022
PremKumar
[Authorized Signatory]

Disclaimer :

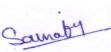
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2212120365 Sample Reg. Date :12-12-2022 Report Date :17-12-2022 Report No. :ICE-2212170762 NABL ULR No. :TC592622000017028F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Shakti Vihar
Date of Monitoring	: 05-12-2022
Time of Monitoring	: 12:30 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.31
Volume of air sampled,m3	: 1849.17
Avg. Ambient Temperature,°C	: 23

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	23.11
c.	Particulate Matter (PM ₁₀),µg/m ³	IS: 5182 (P-23): 2017	100 Max	140.23
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW/001	60 Max	65.24
e.	Ammonia(NH ₃),µg/m ³	IS: 5182 (P-25): 2018	400 Max	36.60
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


Saurabh Sharma
17-12-2022
Reviewer


17-12-2022
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. :E01-2212120365 Sample Reg. Date :12-12-2022 Report Date :17-12-2022 Report No. :ICE-2212170762 NABL ULR No. :TC592622000017028F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	31.04
b.	Carbon Monoxide(CO),mg/m ³	IS: 5182 (P-10): 2019	2 Max.	BLQ(LOQ:1.14)
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
17-12-2022
Reviewer


17-12-2022
PremKumar
[Authorized Signatory]

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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2212120367 Sample Reg. Date :12-12-2022 Report Date :17-12-2022 Report No. :ICE-2212170761 NABL ULR No. :TC592622000017030F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Gate No.3
Date of Monitoring	: 08-12-2022
Time of Monitoring	: 10:30 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.31
Volume of air sampled,m3	: 1861.75
Avg. Ambient Temperature,°C	: 21

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	10.31
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS: 5182 (P-6): 2017	80 Max	23.60
c.	Particulate Matter (PM ₁₀),µg/m ³	IS: 5182 (P-23): 2017	100 Max	150.18
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW/001	60 Max	63.13
e.	Ammonia(NH ₃),µg/m ³	IS: 5182 (P-25): 2018	400 Max	34.57
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)

Saurabh Sharma
Saurabh Sharma
17-12-2022
Reviewer

PremKumar
17-12-2022
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. :E01-2212120367 Sample Reg. Date :12-12-2022 Report Date :17-12-2022 Report No. :ICE-2212170761 NABL ULR No. :TC592622000017030F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	26.42
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
17-12-2022
Reviewer


17-12-2022
PremKumar
[Authorized Signatory]

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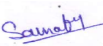
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2212120366 Sample Reg. Date :12-12-2022 Report Date :17-12-2022 Report No. :ICE-2212170763 NABL ULR No. :TC592622000017029F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Block C-6
Date of Monitoring	: 08-12-2022
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	: 1855.44
Avg. Ambient Temperature,°C	: 22

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	11.07
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS: 5182 (P-6): 2017	80 Max	18.99
c.	Particulate Matter (PM ₁₀),µg/m ³	IS: 5182 (P-23): 2017	100 Max	118.30
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW/001	60 Max	55.98
e.	Ammonia(NH ₃),µg/m ³	IS: 5182 (P-25): 2018	400 Max	34.57
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


Saurabh Sharma
17-12-2022
Reviewer


17-12-2022
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. :E01-2212120366 Sample Reg. Date :12-12-2022 Report Date :17-12-2022 Report No. :ICE-2212170763 NABL ULR No. :TC592622000017029F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	27.46
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
17-12-2022
Reviewer


17-12-2022
PremKumar
[Authorized Signatory]

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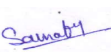
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2212120368
	Sample Reg. Date :12-12-2022
	Report Date :17-12-2022
	Report No. :ICE-2212170760
	NABL ULR No. :TC592622000017031F
	Customer Ref. No. :Order No.5030010814
	Letter Dated :21.11.2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Village-Khanpur
Date of Monitoring	: 08-12-2022
Time of Monitoring	: 10:00 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.34
Volume of air sampled,m3	: 1910.88
Avg. Ambient Temperature,°C	: 20

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	10.27
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS: 5182 (P-6): 2017	80 Max	18.22
c.	Particulate Matter (PM ₁₀),µg/m ³	IS: 5182 (P-23): 2017	100 Max	138.26
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW/001	60 Max	63.97
e.	Ammonia(NH ₃),µg/m ³	IS: 5182 (P-25): 2018	400 Max	35.12
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


Saurabh Sharma
17-12-2022
Reviewer


17-12-2022
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. :E01-2212120368 Sample Reg. Date :12-12-2022 Report Date :17-12-2022 Report No. :ICE-2212170760 NABL ULR No. :TC592622000017031F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	27.55
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)

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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
17-12-2022
Reviewer


17-12-2022
PremKumar
[Authorized Signatory]

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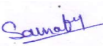
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2212120369 Sample Reg. Date :12-12-2022 Report Date :17-12-2022 Report No. :ICE-2212170759 NABL ULR No. :TC592622000017032F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Shakti Vihar
Date of Monitoring	: 08-12-2022
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	: 1869.60
Avg. Ambient Temperature,°C	: 22

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	10.19
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS: 5182 (P-6): 2017	80 Max	18.67
c.	Particulate Matter (PM ₁₀),µg/m ³	IS: 5182 (P-23): 2017	100 Max	127.30
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW/001	60 Max	62.71
e.	Ammonia(NH ₃),µg/m ³	IS: 5182 (P-25): 2018	400 Max	36.14
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


Saurabh Sharma
17-12-2022
Reviewer


17-12-2022
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. :E01-2212120369 Sample Reg. Date :12-12-2022 Report Date :17-12-2022 Report No. :ICE-2212170759 NABL ULR No. :TC592622000017032F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

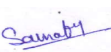
2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	25.09
b.	Carbon Monoxide(CO),mg/m ³	IS: 5182 (P-10): 2019	2 Max.	BLQ(LOQ:1.14)
3.	Ambient Air Quality Parameters(Time weighted Avg- Annual*)			
a.	Benzene(C ₆ H ₆),µg/m ³	IS: 5182 (P-11): 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
17-12-2022
Reviewer


17-12-2022
PremKumar
[Authorized Signatory]

Disclaimer :

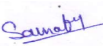
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2212170553 Sample Reg. Date :17-12-2022 Report Date :22-12-2022 Report No. :ICE-2212221021 NABL ULR No. :TC592622000017222F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Gate No.3
Date of Monitoring	: 12-12-2022
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	: 1873.42
Avg. Ambient Temperature,°C	: 21

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	9.99
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS: 5182 (P-6): 2017	80 Max	17.01
c.	Particulate Matter (PM ₁₀),µg/m ³	IS: 5182 (P-23): 2017	100 Max	109.11
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW/001	60 Max	58.08
e.	Ammonia(NH ₃),µg/m ³	IS: 5182 (P-25): 2018	400 Max	28.03
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


 Saurabh Sharma
 22-12-2022
 Reviewer


 22-12-2022
 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. :E01-2212170553 Sample Reg. Date :17-12-2022 Report Date :22-12-2022 Report No. :ICE-2212221021 NABL ULR No. :TC592622000017222F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

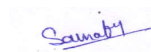
2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	22.99
b.	Carbon Monoxide(CO),mg/m ³	IS: 5182 (P-10): 2019	2 Max.	1.4
3.	Ambient Air Quality Parameters(Time weighted Avg- Annual*)			
a.	Benzene(C ₆ H ₆),µg/m ³	IS: 5182 (P-11): 2017	5 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
22-12-2022
Reviewer


22-12-2022
PremKumar
[Authorized Signatory]

Disclaimer :

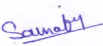
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2212170552 Sample Reg. Date :17-12-2022 Report Date :22-12-2022 Report No. :ICE-2212221019 NABL ULR No. :TC592622000017226F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Block C-3
Date of Monitoring	: 12-12-2022
Time of Monitoring	: 12:00 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.32
Volume of air sampled,m3	: 1875.96
Avg. Ambient Temperature,°C	: 21

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	9.97
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS: 5182 (P-6): 2017	80 Max	23.01
c.	Particulate Matter (PM ₁₀),µg/m ³	IS: 5182 (P-23): 2017	100 Max	134.22
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW/001	60 Max	69.87
e.	Ammonia(NH ₃),µg/m ³	IS: 5182 (P-25): 2018	400 Max	32.23
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


Saurabh Sharma
22-12-2022
Reviewer


22-12-2022
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. :E01-2212170552 Sample Reg. Date :17-12-2022 Report Date :22-12-2022 Report No. :ICE-2212221019 NABL ULR No. :TC592622000017226F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	28.99
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
22-12-2022
Reviewer


22-12-2022
PremKumar
[Authorized Signatory]

Disclaimer :

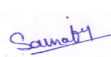
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2212170554 Sample Reg. Date :17-12-2022 Report Date :22-12-2022 Report No. :ICE-2212221022 NABL ULR No. :TC592622000017223F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Village- Khanpur
Date of Monitoring	: 12-12-2022
Time of Monitoring	: 11:00 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.30
Volume of air sampled,m3	: 1853.84
Avg. Ambient Temperature,°C	: 20

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	8.02
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS: 5182 (P-6): 2017	80 Max	19.02
c.	Particulate Matter (PM ₁₀),µg/m ³	IS: 5182 (P-23): 2017	100 Max	126.98
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW/001	60 Max	66.92
e.	Ammonia(NH ₃),µg/m ³	IS: 5182 (P-25): 2018	400 Max	30.12
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


Saurabh Sharma
22-12-2022
Reviewer


22-12-2022
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. :E01-2212170554 Sample Reg. Date :17-12-2022 Report Date :22-12-2022 Report No. :ICE-2212221022 NABL ULR No. :TC592622000017223F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	28.99
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
22-12-2022
Reviewer


22-12-2022
PremKumar
[Authorized Signatory]

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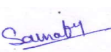
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2212170555 Sample Reg. Date :17-12-2022 Report Date :22-12-2022 Report No. :ICE-2212221023 NABL ULR No. :TC592622000017230F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Shakti Vihar
Date of Monitoring	: 12-12-2022
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	: 1.31
Volume of air sampled, m ³	: 1855.44
Avg. Ambient Temperature, °C	: 22

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	6.07
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS: 5182 (P-6): 2017	80 Max	11.98
c.	Particulate Matter (PM ₁₀), µg/m ³	IS: 5182 (P-23): 2017	100 Max	110.05
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW/001	60 Max	61.87
e.	Ammonia(NH ₃), µg/m ³	IS: 5182 (P-25): 2018	400 Max	29.99
f.	Lead(As Pb), µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


Saurabh Sharma
22-12-2022
Reviewer


22-12-2022
PremKumar
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Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2212170555 Sample Reg. Date :17-12-2022 Report Date :22-12-2022 Report No. :ICE-2212221023 NABL ULR No. :TC592622000017230F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	28.02
b.	Carbon Monoxide(CO),mg/m ³	IS: 5182 (P-10): 2019	2 Max.	BLQ(LOQ:1.14)
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
22-12-2022
Reviewer


22-12-2022
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[Authorized Signatory]

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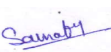
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2212170557 Sample Reg. Date :17-12-2022 Report Date :22-12-2022 Report No. :ICE-2212221025 NABL ULR No. :TC592622000017240F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Gate No.3
Date of Monitoring	: 15-12-2022
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	: 1879.82
Avg. Ambient Temperature,°C	: 20

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	8.03
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS: 5182 (P-6): 2017	80 Max	12.02
c.	Particulate Matter (PM ₁₀),µg/m ³	IS: 5182 (P-23): 2017	100 Max	109.05
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW/001	60 Max	58.08
e.	Ammonia(NH ₃),µg/m ³	IS: 5182 (P-25): 2018	400 Max	26.04
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


Saurabh Sharma
22-12-2022
Reviewer


22-12-2022
PremKumar
[Authorized Signatory]

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2212170557 Sample Reg. Date :17-12-2022 Report Date :22-12-2022 Report No. :ICE-2212221025 NABL ULR No. :TC592622000017240F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	30.03
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
22-12-2022
Reviewer


22-12-2022
PremKumar
[Authorized Signatory]

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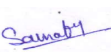
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2212170556 Sample Reg. Date :17-12-2022 Report Date :22-12-2022 Report No. :ICE-2212221024 NABL ULR No. :TC592622000017260F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Block C-6
Date of Monitoring	: 15-12-2022
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	: 1890.17
Avg. Ambient Temperature,°C	: 21

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	5.98
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS: 5182 (P-6): 2017	80 Max	13.01
c.	Particulate Matter (PM ₁₀),µg/m ³	IS: 5182 (P-23): 2017	100 Max	120.99
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW/001	60 Max	56.82
e.	Ammonia(NH ₃),µg/m ³	IS: 5182 (P-25): 2018	400 Max	26.98
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


Saurabh Sharma
22-12-2022
Reviewer


22-12-2022
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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. :E01-2212170556 Sample Reg. Date :17-12-2022 Report Date :22-12-2022 Report No. :ICE-2212221024 NABL ULR No. :TC592622000017260F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	25.01
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
22-12-2022
Reviewer


22-12-2022
PremKumar
[Authorized Signatory]

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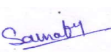
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2212170558 Sample Reg. Date :17-12-2022 Report Date :22-12-2022 Report No. :ICE-2212221026 NABL ULR No. :TC592622000017231F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Village- Khanpur
Date of Monitoring	: 15-12-2022
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	: 1888.81
Avg. Ambient Temperature,°C	: 19

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	9.97
b.	Nitrogen Dioxide(NO2),µg/m ³	IS: 5182 (P-6): 2017	80 Max	19.01
c.	Particulate Matter (PM10),µg/m3	IS: 5182 (P-23): 2017	100 Max	120.98
d.	Particulate matter (PM 2.5),µg/m3	STP/ITC/EW/001	60 Max	55.98
e.	Ammonia(NH3),µg/m ³	IS: 5182 (P-25): 2018	400 Max	31.01
f.	Lead(As Pb),µg/m3	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


 Saurabh Sharma
 22-12-2022
 Reviewer


 22-12-2022
 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. :E01-2212170558 Sample Reg. Date :17-12-2022 Report Date :22-12-2022 Report No. :ICE-2212221026 NABL ULR No. :TC592622000017231F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	34.03
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
22-12-2022
Reviewer


22-12-2022
PremKumar
[Authorized Signatory]

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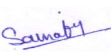
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2212170559 Sample Reg. Date :17-12-2022 Report Date :22-12-2022 Report No. :ICE-2212221020 NABL ULR No. :TC592622000017225F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Shakti Vihar
Date of Monitoring	: 15-12-2022
Time of Monitoring	: 12:00 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.32
Volume of air sampled,m3	: 1869.60
Avg. Ambient Temperature,°C	: 22

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	6.97
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS: 5182 (P-6): 2017	80 Max	11.98
c.	Particulate Matter (PM ₁₀),µg/m ³	IS: 5182 (P-23): 2017	100 Max	116.01
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW/001	60 Max	66.92
e.	Ammonia(NH ₃),µg/m ³	IS: 5182 (P-25): 2018	400 Max	32.11
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


Saurabh Sharma
22-12-2022
Reviewer


22-12-2022
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. :E01-2212170559 Sample Reg. Date :17-12-2022 Report Date :22-12-2022 Report No. :ICE-2212221020 NABL ULR No. :TC592622000017225F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	35.03
b.	Carbon Monoxide(CO),mg/m ³	IS: 5182 (P-10): 2019	2 Max.	BLQ(LOQ:1.14)
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
22-12-2022
Reviewer


22-12-2022
PremKumar
[Authorized Signatory]

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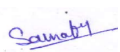
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2212281059 Sample Reg. Date :28-12-2022 Report Date :31-12-2022 Report No. :ICE-2212311482 NABL ULR No. :TC592622000017807F Customer Ref. No. :Order No.5030010814 Letter Dated :21-12-2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Gate No.3
Date of Monitoring	: 19-12-2022
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	: 1921.71
Avg. Ambient Temperature,°C	: 14

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	12.33
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS: 5182 (P-6): 2017	80 Max	23.36
c.	Particulate Matter (PM ₁₀),µg/m ³	IS: 5182 (P-23): 2017	100 Max	124.52
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW/001	60 Max	68.18
e.	Ammonia(NH ₃),µg/m ³	IS: 5182 (P-25): 2018	400 Max	36.36
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


Saurabh Sharma
31-12-2022
Reviewer


31-12-2022
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. :E01-2212281059 Sample Reg. Date :28-12-2022 Report Date :31-12-2022 Report No. :ICE-2212311482 NABL ULR No. :TC592622000017807F Customer Ref. No. :Order No.5030010814 Letter Dated :21-12-2022

2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	27.14
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)

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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
31-12-2022
Reviewer


31-12-2022
PremKumar
[Authorized Signatory]

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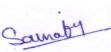
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2212281057 Sample Reg. Date :28-12-2022 Report Date :31-12-2022 Report No. :ICE-2212311480 NABL ULR No. :TC592622000017794F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Block C-3
Date of Monitoring	: 19-12-2022
Time of Monitoring	: 11:30 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.31
Volume of air sampled,m3	: 1900.53
Avg. Ambient Temperature,°C	: 15

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	8.18
b.	Nitrogen Dioxide(NO2),µg/m ³	IS: 5182 (P-6): 2017	80 Max	17.33
c.	Particulate Matter (PM10),µg/m3	IS: 5182 (P-23): 2017	100 Max	110.07
d.	Particulate matter (PM 2.5),µg/m3	STP/ITC/EW/001	60 Max	62.29
e.	Ammonia(NH3),µg/m ³	IS: 5182 (P-25): 2018	400 Max	27.42
f.	Lead(As Pb),µg/m3	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


Saurabh Sharma
31-12-2022
Reviewer


31-12-2022
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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. :E01-2212281057 Sample Reg. Date :28-12-2022 Report Date :31-12-2022 Report No. :ICE-2212311480 NABL ULR No. :TC592622000017794F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	22.10
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)

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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
31-12-2022
Reviewer


31-12-2022
PremKumar
[Authorized Signatory]

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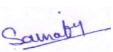
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2212281060 Sample Reg. Date :28-12-2022 Report Date :31-12-2022 Report No. :ICE-2212311483 NABL ULR No. :TC592622000017797F Customer Ref. No. :Order No.5030010814 Letter Dated :21-12-2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Village-Khanpur
Date of Monitoring	: 19-12-2022
Time of Monitoring	: 10:30 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.31
Volume of air sampled,m3	: 1907.16
Avg. Ambient Temperature,°C	: 14

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	10.13
b.	Nitrogen Dioxide(NO2),µg/m ³	IS: 5182 (P-6): 2017	80 Max	19.26
c.	Particulate Matter (PM10),µg/m3	IS: 5182 (P-23): 2017	100 Max	108.12
d.	Particulate matter (PM 2.5),µg/m3	STP/ITC/EW/001	60 Max	65.24
e.	Ammonia(NH3),µg/m ³	IS: 5182 (P-25): 2018	400 Max	34.18
f.	Lead(As Pb),µg/m3	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


Saurabh Sharma
31-12-2022
Reviewer


31-12-2022
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. :E01-2212281060 Sample Reg. Date :28-12-2022 Report Date :31-12-2022 Report No. :ICE-2212311483 NABL ULR No. :TC592622000017797F Customer Ref. No. :Order No.5030010814 Letter Dated :21-12-2022

2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	28.39
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
31-12-2022
Reviewer


31-12-2022
PremKumar
[Authorized Signatory]

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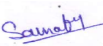
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2212281061 Sample Reg. Date :28-12-2022 Report Date :31-12-2022 Report No. :ICE-2212311484 NABL ULR No. :TC592622000017799F Customer Ref. No. :Order No.5030010814 Letter Dated :21-12-2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Shakti Vihar
Date of Monitoring	: 19-12-2022
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	: 1893.96
Avg. Ambient Temperature,°C	: 16

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	13.41
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS: 5182 (P-6): 2017	80 Max	18.08
c.	Particulate Matter (PM ₁₀),µg/m ³	IS: 5182 (P-23): 2017	100 Max	106.29
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW/001	60 Max	63.13
e.	Ammonia(NH ₃),µg/m ³	IS: 5182 (P-25): 2018	400 Max	34.42
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


Saurabh Sharma
31-12-2022
Reviewer


31-12-2022
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. :E01-2212281061 Sample Reg. Date :28-12-2022 Report Date :31-12-2022 Report No. :ICE-2212311484 NABL ULR No. :TC592622000017799F Customer Ref. No. :Order No.5030010814 Letter Dated :21-12-2022

2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	24.52
b.	Carbon Monoxide(CO),mg/m ³	IS: 5182 (P-10): 2019	2 Max.	BLQ(LOQ:1.14)
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
31-12-2022
Reviewer


31-12-2022
PremKumar
[Authorized Signatory]

Disclaimer :

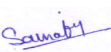
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2212281063 Sample Reg. Date :28-12-2022 Report Date :31-12-2022 Report No. :ICE-2212311486 NABL ULR No. :TC592622000017798F Customer Ref. No. :Order No.5030010814 Letter Dated :21-12-2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Gate No.3
Date of Monitoring	: 22-12-2022
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	: 1928.43
Avg. Ambient Temperature,°C	: 13

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	14.33
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS: 5182 (P-6): 2017	80 Max	24.11
c.	Particulate Matter (PM ₁₀),µg/m ³	IS: 5182 (P-23): 2017	100 Max	128.29
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW/001	60 Max	66.08
e.	Ammonia(NH ₃),µg/m ³	IS: 5182 (P-25): 2018	400 Max	37.10
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


Saurabh Sharma
31-12-2022
Reviewer


31-12-2022
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. :E01-2212281063 Sample Reg. Date :28-12-2022 Report Date :31-12-2022 Report No. :ICE-2212311486 NABL ULR No. :TC592622000017798F Customer Ref. No. :Order No.5030010814 Letter Dated :21-12-2022

2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	26.65
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
31-12-2022
Reviewer


31-12-2022
PremKumar
[Authorized Signatory]

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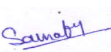
Test Report

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Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2212281062 Sample Reg. Date :28-12-2022 Report Date :31-12-2022 Report No. :ICE-2212311485 NABL ULR No. :TC592622000017791F Customer Ref. No. :Order No.5030010814 Letter Dated :21-12-2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Block C-6
Date of Monitoring	: 22-12-2022
Time of Monitoring	: 12:00 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.29
Volume of air sampled,m3	: 1884.61
Avg. Ambient Temperature,°C	: 13

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	10.66
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS: 5182 (P-6): 2017	80 Max	18.52
c.	Particulate Matter (PM ₁₀),µg/m ³	IS: 5182 (P-23): 2017	100 Max	113.18
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW/001	60 Max	66.08
e.	Ammonia(NH ₃),µg/m ³	IS: 5182 (P-25): 2018	400 Max	34.28
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


Saurabh Sharma
31-12-2022
Reviewer


31-12-2022
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. :E01-2212281062 Sample Reg. Date :28-12-2022 Report Date :31-12-2022 Report No. :ICE-2212311485 NABL ULR No. :TC592622000017791F Customer Ref. No. :Order No.5030010814 Letter Dated :21-12-2022

2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	27.13
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
31-12-2022
Reviewer


31-12-2022
PremKumar
[Authorized Signatory]

Disclaimer :

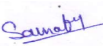
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2212281064 Sample Reg. Date :28-12-2022 Report Date :31-12-2022 Report No. :ICE-2212311487 NABL ULR No. :TC592622000017788F Customer Ref. No. :Order No.5030010814 Letter Dated :21-12-2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Khanpur
Date of Monitoring	: 22-12-2022
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	: 1964.52
Avg. Ambient Temperature,°C	: 12

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	14.56
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS: 5182 (P-6): 2017	80 Max	22.10
c.	Particulate Matter (PM ₁₀),µg/m ³	IS: 5182 (P-23): 2017	100 Max	124.56
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW/001	60 Max	62.29
e.	Ammonia(NH ₃),µg/m ³	IS: 5182 (P-25): 2018	400 Max	29.19
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


Saurabh Sharma
31-12-2022
Reviewer


31-12-2022
PremKumar
[Authorized Signatory]

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2212281064 Sample Reg. Date :28-12-2022 Report Date :31-12-2022 Report No. :ICE-2212311487 NABL ULR No. :TC592622000017788F Customer Ref. No. :Order No.5030010814 Letter Dated :21-12-2022

2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	25.22
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)

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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
31-12-2022
Reviewer


31-12-2022
PremKumar
[Authorized Signatory]

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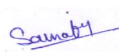
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2212281067 Sample Reg. Date :28-12-2022 Report Date :31-12-2022 Report No. :ICE-2212311490 NABL ULR No. :TC592622000017763F Customer Ref. No. :Order No.5030010814 Letter Dated :21-12-2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Shakti Vihar
Date of Monitoring	: 22-12-2022
Time of Monitoring	: 12:40 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.31
Volume of air sampled,m3	: 1891.40
Avg. Ambient Temperature,°C	: 16

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	7.14
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS: 5182 (P-6): 2017	80 Max	16.30
c.	Particulate Matter (PM ₁₀),µg/m ³	IS: 5182 (P-23): 2017	100 Max	130.54
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW/001	60 Max	60.19
e.	Ammonia(NH ₃),µg/m ³	IS: 5182 (P-25): 2018	400 Max	38.42
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


Saurabh Sharma
31-12-2022
Reviewer


31-12-2022
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. :E01-2212281067 Sample Reg. Date :28-12-2022 Report Date :31-12-2022 Report No. :ICE-2212311490 NABL ULR No. :TC592622000017763F Customer Ref. No. :Order No.5030010814 Letter Dated :21-12-2022

2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	27.30
b.	Carbon Monoxide(CO),mg/m ³	IS: 5182 (P-10): 2019	2 Max.	BLQ(LOQ:1.14)
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
31-12-2022
Reviewer


31-12-2022
PremKumar
[Authorized Signatory]

Disclaimer :

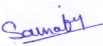
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2212311233 Sample Reg. Date :31-12-2022 Report Date :05-01-2023 Report No. :ICE-2301050218 NABL ULR No. :TC592623000000116F Customer Ref. No. :Order No.5030010814 Letter Dated :21-11.2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Gate No. 3
Date of Monitoring	: 26-12-2022
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	: 1936.27
Avg. Ambient Temperature,°C	: 14

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	12.36
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS: 5182 (P-6): 2017	80 Max	18.24
c.	Particulate Matter (PM ₁₀),µg/m ³	IS: 5182 (P-23): 2017	100 Max	127.36
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW/001	60 Max	62.21
e.	Ammonia(NH ₃),µg/m ³	IS: 5182 (P-25): 2018	400 Max	36.52
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ;0.1)


Saurabh Sharma
05-01-2023
Reviewer


05-01-2023
PremKumar
[Authorized Signatory]

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2212311233 Sample Reg. Date :31-12-2022 Report Date :05-01-2023 Report No. :ICE-2301050218 NABL ULR No. :TC592623000000116F Customer Ref. No. :Order No.5030010814 Letter Dated :21-11.2022

2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	27.52
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
05-01-2023
Reviewer


05-01-2023
PremKumar
[Authorized Signatory]

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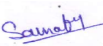
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2212311232 Sample Reg. Date :31-12-2022 Report Date :05-01-2023 Report No. :ICE-2301050217 NABL ULR No. :TC592623000000115F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11-2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Block C-3
Date of Monitoring	: 26-12-2022
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	: 1941.43
Avg. Ambient Temperature,°C	: 15

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	6.78
b.	Nitrogen Dioxide(NO2),µg/m ³	IS: 5182 (P-6): 2017	80 Max	12.54
c.	Particulate Matter (PM10),µg/m3	IS: 5182 (P-23): 2017	100 Max	109.48
d.	Particulate matter (PM 2.5),µg/m3	STP/ITC/EW/001	60 Max	58.23
e.	Ammonia(NH3),µg/m ³	IS: 5182 (P-25): 2018	400 Max	28.31
f.	Lead(As Pb),µg/m3	STP/ITC/EW/002	1.0 Max	BLQ(LOQ;0.1)


Saurabh Sharma
05-01-2023
Reviewer


05-01-2023
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. :E01-2212311232 Sample Reg. Date :31-12-2022 Report Date :05-01-2023 Report No. :ICE-2301050217 NABL ULR No. :TC592623000000115F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11-2022

2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	24.56
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
05-01-2023
Reviewer


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PremKumar
[Authorized Signatory]

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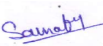
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2212311234 Sample Reg. Date :31-12-2022 Report Date :05-01-2023 Report No. :ICE-2301050219 NABL ULR No. :TC592623000000166F Customer Ref. No. :Order No.5030010814 Letter Dated :21-11-2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Village- Khanpur
Date of Monitoring	: 26-12-2022
Time of Monitoring	: 11:00 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.31
Volume of air sampled,m3	: 1907.16
Avg. Ambient Temperature,°C	: 14

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	7.25
b.	Nitrogen Dioxide(NO2),µg/m ³	IS: 5182 (P-6): 2017	80 Max	16.24
c.	Particulate Matter (PM10),µg/m3	IS: 5182 (P-23): 2017	100 Max	130.25
d.	Particulate matter (PM 2.5),µg/m3	STP/ITC/EW/001	60 Max	63.28
e.	Ammonia(NH3),µg/m ³	IS: 5182 (P-25): 2018	400 Max	32.25
f.	Lead(As Pb),µg/m3	STP/ITC/EW/002	1.0 Max	BLQ(LOQ;0.1)


Saurabh Sharma
05-01-2023
Reviewer


05-01-2023
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. :E01-2212311234 Sample Reg. Date :31-12-2022 Report Date :05-01-2023 Report No. :ICE-2301050219 NABL ULR No. :TC592623000000166F Customer Ref. No. :Order No.5030010814 Letter Dated :21-11-2022

2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	27.36
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
05-01-2023
Reviewer


05-01-2023
PremKumar
[Authorized Signatory]

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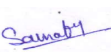
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2212311235
	Sample Reg. Date :31-12-2022
	Report Date :05-01-2023
	Report No. :ICE-2301050220
	NABL ULR No. :TC592623000000117F
	Customer Ref. No. :Order No.5030010814
	Letter Dated :21-11-2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Shakti Vihar
Date of Monitoring	: 26-12-2022
Time of Monitoring	: 12:30 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.32
Volume of air sampled,m3	: 1908.42
Avg. Ambient Temperature,°C	: 16

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	7.25
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS: 5182 (P-6): 2017	80 Max	14.36
c.	Particulate Matter (PM ₁₀),µg/m ³	IS: 5182 (P-23): 2017	100 Max	114.00
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW/001	60 Max	52.24
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
05-01-2023
Reviewer


05-01-2023
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. :E01-2212311235 Sample Reg. Date :31-12-2022 Report Date :05-01-2023 Report No. :ICE-2301050220 NABL ULR No. :TC592623000000117F Customer Ref. No. :Order No.5030010814 Letter Dated :21-11-2022

2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	26.32
b.	Carbon Monoxide(CO),mg/m ³	IS: 5182 (P-10): 2019	2 Max.	BLQ(LOQ:1.14)
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
05-01-2023
Reviewer


05-01-2023
PremKumar
[Authorized Signatory]

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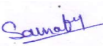
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2212311237 Sample Reg. Date :31-12-2022 Report Date :05-01-2023 Report No. :ICE-2301050222 NABL ULR No. :TC592623000000119F Customer Ref. No. :Order No.5030010814 Letter Dated :21-11-2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Gate No. 3
Date of Monitoring	: 29-12-2022
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	: 1941.43
Avg. Ambient Temperature,°C	: 15

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	9.65
b.	Nitrogen Dioxide(NO2),µg/m ³	IS: 5182 (P-6): 2017	80 Max	20.31
c.	Particulate Matter (PM10),µg/m3	IS: 5182 (P-23): 2017	100 Max	130.32
d.	Particulate matter (PM 2.5),µg/m3	STP/ITC/EW/001	60 Max	59.36
e.	Ammonia(NH3),µg/m ³	IS: 5182 (P-25): 2018	400 Max	29.21
f.	Lead(As Pb),µg/m3	STP/ITC/EW/002	1.0 Max	BLQ(LOQ;0.1)


 Saurabh Sharma
 05-01-2023
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 05-01-2023
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Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2212311237 Sample Reg. Date :31-12-2022 Report Date :05-01-2023 Report No. :ICE-2301050222 NABL ULR No. :TC592623000000119F Customer Ref. No. :Order No.5030010814 Letter Dated :21-11-2022

2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	26.21
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
05-01-2023
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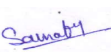
Test Report

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Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2212311236 Sample Reg. Date :31-12-2022 Report Date :05-01-2023 Report No. :ICE-2301050221 NABL ULR No. :TC592623000000118F Customer Ref. No. :Order No.5030010814 Letter Dated :21-11-2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Block C-6
Date of Monitoring	: 29-12-2022
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	: 1941.43
Avg. Ambient Temperature,°C	: 15

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	8.54
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS: 5182 (P-6): 2017	80 Max	14.25
c.	Particulate Matter (PM ₁₀),µg/m ³	IS: 5182 (P-23): 2017	100 Max	112.21
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW/001	60 Max	60.31
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
05-01-2023
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2212311236 Sample Reg. Date :31-12-2022 Report Date :05-01-2023 Report No. :ICE-2301050221 NABL ULR No. :TC592623000000118F Customer Ref. No. :Order No.5030010814 Letter Dated :21-11-2022

2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	23.45
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)

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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*****


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05-01-2023
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Test Report

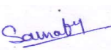
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2212311238 Sample Reg. Date :31-12-2022 Report Date :05-01-2023 Report No. :ICE-2301050223 NABL ULR No. :TC592623000000120F Customer Ref. No.: Order No.5030010814 Letter Dated :21-11-2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Village-Khanpur
Date of Monitoring	: 29-12-2022
Time of Monitoring	: 10:30 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.34
Volume of air sampled,m3	: 1950.83
Avg. Ambient Temperature,°C	: 14

Description					
Description		Ambient Air Quality Monitoring			
S.No.	Parameters	Instrument	Method	Specification	Result
1.	Ambient Air Quality Parameters(Time weighted Avg- 24 Hours)				
a.	Sulphur Dioxide(SO ₂),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-2): 2017	80 Max	6.58
b.	Nitrogen Dioxide(NO ₂),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-6): 2017	80 Max	19.24
c.	Particulate Matter (PM ₁₀),µg/m ³	Gravimetric	IS: 5182 (P-23): 2017	100 Max	135.36
d.	Particulate matter (PM 2.5),µg/m ³	Gravimetric	STP/ITC/EW/001	60 Max	58.65


Saurabh Sharma
05-01-2023
Reviewer


05-01-2023
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

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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. :E01-2212311238 Sample Reg. Date :31-12-2022 Report Date :05-01-2023 Report No. :ICE-2301050223 NABL ULR No. :TC592623000000120F Customer Ref. No.: Order No.5030010814 Letter Dated :21-11-2022

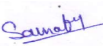
e.	Ammonia(NH ₃),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-25):2018	400 Max	33.25
f.	Lead(As Pb),µg/m ³	ICPOES	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)
2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)				
a.	Ozone(O ₃),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-9): 2019	100 Max.	28.36
b.	Carbon Monoxide(CO),mg/m ³	GC	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	GC	IS: 5182 (P-11): 2017	5 Max	BLQ(LOQ:1.0)
b.	Benzo(a) Pyrene Particulate Phase only,ng/m ³	GCMSMS	IS: 5182 (P-12): 2019	1 Max	BLQ(LOQ:0.5)
c.	Arsenic(as As),ng/m ³	ICPOES	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
d.	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 :*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
05-01-2023
Reviewer


05-01-2023
PremKumar
[Authorized Signatory]

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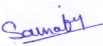
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2212311239 Sample Reg. Date :31-12-2022 Report Date :05-01-2023 Report No. :ICE-2301050224 NABL ULR No. :TC592623000000121F Customer Ref. No. :Order No.5030010814 Letter Dated :21-11-2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Shakti Vihar
Date of Monitoring	: 29-12-2022
Time of Monitoring	: 12:30 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.32
Volume of air sampled,m3	: 1908.42
Avg. Ambient Temperature,°C	: 16

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	8.25
b.	Nitrogen Dioxide(NO2),µg/m ³	IS: 5182 (P-6): 2017	80 Max	15.32
c.	Particulate Matter (PM10),µg/m3	IS: 5182 (P-23): 2017	100 Max	118.00
d.	Particulate matter (PM 2.5),µg/m3	STP/ITC/EW/001	60 Max	53.26
e.	Ammonia(NH3),µg/m ³	IS: 5182 (P-25): 2018	400 Max	32.14
f.	Lead(As Pb),µg/m3	STP/ITC/EW/002	1.0 Max	BLQ(LOQ;0.1)


Saurabh Sharma
05-01-2023
Reviewer


05-01-2023
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. :E01-2212311239 Sample Reg. Date :31-12-2022 Report Date :05-01-2023 Report No. :ICE-2301050224 NABL ULR No. :TC592623000000121F Customer Ref. No. :Order No.5030010814 Letter Dated :21-11-2022

2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	28.32
b.	Carbon Monoxide(CO),mg/m ³	IS: 5182 (P-10): 2019	2 Max.	BLQ(LOQ:1.14)
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
05-01-2023
Reviewer


05-01-2023
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. :E01-2212030106 Sample Reg. Date :03-12-2022 Report Date :06-12-2022 Report No. :ICE-2212060288 NABL ULR No. :TC592622000016657F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022
Test Report as per :	: EPA Act 1986/PCLS/2010
Sampling Information :	
Date of Monitoring	: 02-12-2022
Time of Monitoring	: 10:43 to 11:07 hrs
Name of the emission source monitored	: Stack Emission of Boiler
Rated Capacity	: 660 MW
Capacity on sampling day	: 635 MW
Type of fuel used & its consumption	: Coal & 405 Ton/hrs
Normal operating schedule	: 24 hrs
Stack Identification	: Stack attached to Boiler Unit-1 (At 65 Meter's Height)
Type of Stack/Duct	: Metal
Stack Height from Ground Level(m)	: 275
Diameter of the Stack(cm)	: 700
Sampling Duration(minutes)	: 24
Purpose of Monitoring	: For Self Monitoring
Air Pollution control measure	: ESP + FF +FGD + Low NOx Burner
Status	: Working
Recovery of Material	: -
Fugitive Emission,if any	: Nil
Observations :	

Saurabh Sharma
06-12-2022
Reviewer

06-12-2022
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. :E01-2212030106
	Sample Reg. Date :03-12-2022
	Report Date :06-12-2022
	Report No. :ICE-2212060288
	NABL ULR No. :TC592622000016657F
	Customer Ref. No. :Order No.5030010814
	Letter Dated :21.11.2022

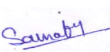
Flue Gas Temperature, °C,Avg.	: 54
Flue Gas Velocity(m/s),Avg.	: 23.74
Volumetric Flow Rate(Nm ³ /hr.)	: 2873633.64
Ambient Air Temperature, °C	: 24

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	25.50
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-2)	Max. 200	156.10
c.	Oxides of Nitrogen (NO _x), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-7)	Max. 450	170.23
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	3.30

'#' 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 02.12.2022, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A


Saurabh Sharma
06-12-2022
Reviewer


06-12-2022
PremKumar
[Authorized Signatory]

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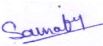
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Page 3 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2212030106 Sample Reg. Date :03-12-2022 Report Date :06-12-2022 Report No. :ICE-2212060288 NABL ULR No. :TC592622000016657F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

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


Saurabh Sharma
06-12-2022
Reviewer


06-12-2022
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. :E01-2212030107 Sample Reg. Date :03-12-2022 Report Date :06-12-2022 Report No. :ICE-2212060289 NABL ULR No. :TC592622000016656F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022
Test Report as per :	: EPA Act 1986/PCLS/2010
Sampling Information :	
Date of Monitoring	: 02-12-2022
Time of Monitoring	: 11:31 to 11:55 hrs
Name of the emission source monitored	: Stack Emission of Boiler
Rated Capacity	: 660 MW
Capacity on sampling day	: 660 MW
Type of fuel used & its consumption	: Coal & 433 Ton/hrs
Normal operating schedule	: 24 hrs
Stack Identification	: Stack attached to Boiler Unit-2 (At 65 Meter's Height)
Type of Stack/Duct	: Metal
Stack Height from Ground Level(m)	: 275
Diameter of the Stack(cm)	: 700
Sampling Duration(minutes)	: 24
Purpose of Monitoring	: For Self Monitoring
Air Pollution control measure	: ESP + FF + FGD + Low NOx Burner
Status	: Working
Recovery of Material	: -
Fugitive Emission,if any	: Nil
Observations :	

Saurabh Sharma
Saurabh Sharma
06-12-2022
Reviewer

PremKumar
06-12-2022
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. :E01-2212030107
	Sample Reg. Date :03-12-2022
	Report Date :06-12-2022
	Report No. :ICE-2212060289
	NABL ULR No. :TC592622000016656F
	Customer Ref. No. :Order No.5030010814
	Letter Dated :21.11.2022

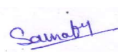
Flue Gas Temperature, °C,Avg.	: 56
Flue Gas Velocity(m/s),Avg.	: 23.53
Volumetric Flow Rate(Nm ³ /hr.)	: 2830899.60
Ambient Air Temperature, °C	: 24

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	169.88
c.	Oxides of Nitrogen (NO _x), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-7)	Max. 450	225.60
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	3.8

'#' 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 02.12.2022, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A


Saurabh Sharma
06-12-2022
Reviewer


06-12-2022
PremKumar
[Authorized Signatory]

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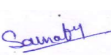
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2212030107 Sample Reg. Date :03-12-2022 Report Date :06-12-2022 Report No. :ICE-2212060289 NABL ULR No. :TC592622000016656F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

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


Saurabh Sharma
06-12-2022
Reviewer


06-12-2022
PremKumar
[Authorized Signatory]

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2212100353 Sample Reg. Date :10-12-2022 Report Date :13-12-2022 Report No. :ICE-2212130426 NABL ULR No. :TC592622000016844F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022
Test Report as per :	: EPA Act 1986/PCLS/2010
Sampling Information :	
Date of Monitoring	: 09-12-2022
Time of Monitoring	: 10:50 to 11:14 hrs
Name of the emission source monitored	: Stack Emission of Boiler
Rated Capacity	: 660 MW
Capacity on sampling day	: 640 MW
Type of fuel used & its consumption	: Coal & 355 Ton/hrs
Normal operating schedule	: 24 hrs
Stack Identification	: Stack Emission of Boiler Unit-1 (At 65 Meter's Height)
Type of Stack/Duct	: Metal
Stack Height from Ground Level(m)	: 275
Diameter of the Stack(cm)	: 700
Sampling Duration(minutes)	: 24
Purpose of Monitoring	: For Self Monitoring
Air Pollution control measure	: ESP + FF + FGD + Low NOx Burner
Status	: Working
Recovery of Material	: -
Fugitive Emission,if any	: Nil
Observations :	

Saurabh Sharma
Saurabh Sharma
13-12-2022
Reviewer

PremKumar
13-12-2022
PremKumar
[Authorized Signatory]

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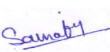
Flue Gas Temperature, °C,Avg.	: 54
Flue Gas Velocity(m/s),Avg.	: 23.23
Volumetric Flow Rate(Nm ³ /hr.)	: 2811900.15
Ambient Air Temperature, °C	: 23

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	32.24
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-2)	Max. 200	191.89
c.	Oxides of Nitrogen (NO _x), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-7)	Max. 450	180.51
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	3.56

'#' 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 09.12.2022, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A


Saurabh Sharma
13-12-2022
Reviewer


13-12-2022
PremKumar
[Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.
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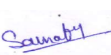
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Test Report

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2212100353 Sample Reg. Date :10-12-2022 Report Date :13-12-2022 Report No. :ICE-2212130426 NABL ULR No. :TC592622000016844F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

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


Saurabh Sharma
13-12-2022
Reviewer


13-12-2022
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. :E01-2212100354 Sample Reg. Date :10-12-2022 Report Date :13-12-2022 Report No. :ICE-2212130425 NABL ULR No. :TC592622000016836F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022
Test Report as per :	: EPA Act 1986/PCLS/2010
Sampling Information :	
Date of Monitoring	: 09-12-2022
Time of Monitoring	: 10:15 to 10:39 hrs
Name of the emission source monitored	: Stack Emission of Boiler
Rated Capacity	: 660 MW
Capacity on sampling day	: 660 MW
Type of fuel used & its consumption	: Coal & 375 Ton/hrs
Normal operating schedule	: 24 hrs
Stack Identification	: Stack attached to Boiler Unit-2 (At 65 Meter's Height)
Type of Stack/Duct	: Metal
Stack Height from Ground Level(m)	: 275
Diameter of the Stack(cm)	: 700
Sampling Duration(minutes)	: 24
Purpose of Monitoring	: For Self Monitoring
Air Pollution control measure	: ESP + FF + FGD + Low NOx Burner
Status	: Working
Recovery of Material	: -
Fugitive Emission,if any	: Nil
Observations :	

Saurabh Sharma
13-12-2022
Reviewer

13-12-2022
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. :E01-2212100354 Sample Reg. Date :10-12-2022 Report Date :13-12-2022 Report No. :ICE-2212130425 NABL ULR No. :TC592622000016836F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

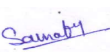
Flue Gas Temperature, °C,Avg.	: 53
Flue Gas Velocity(m/s),Avg.	: 23.21
Volumetric Flow Rate(Nm ³ /hr.)	: 2818097.26
Ambient Air Temperature, °C	: 23

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	23.26
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-2)	Max. 200	173.83
c.	Oxides of Nitrogen (NO _x), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-7)	Max. 450	268.29
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	3.27

'#' 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 09.12.2022, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A


Saurabh Sharma
13-12-2022
Reviewer


13-12-2022
PremKumar
[Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)
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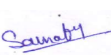
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2212100354 Sample Reg. Date :10-12-2022 Report Date :13-12-2022 Report No. :ICE-2212130425 NABL ULR No. :TC592622000016836F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

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


Saurabh Sharma
13-12-2022
Reviewer


13-12-2022
PremKumar
[Authorized Signatory]

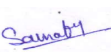
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Page 1 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2212150496 Sample Reg. Date :15-12-2022 Report Date :19-12-2022 Report No. :ICE-2212190875 NABL ULR No. :TC592622000017073F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022
Test Report as per :	: EPA Act 1986/PCLS/2010
Sampling Information :	
Date of Monitoring	: 14-12-2022
Time of Monitoring	: 10:44 to 11:08 hrs
Name of the emission source monitored	: Stack Emission of Boiler
Rated Capacity	: 660 MW
Capacity on sampling day	: 415 MW
Type of fuel used & its consumption	: Coal & 276 Ton/hrs
Normal operating schedule	: 24 hrs
Stack Identification	: Stack attached to Boiler Unit-1 (At 65 Meter's Height)
Type of Stack/Duct	: Metal
Stack Height from Ground Level(m)	: 275
Diameter of the Stack(cm)	: 700
Sampling Duration(minutes)	: 24
Purpose of Monitoring	: For Self Monitoring
Air Pollution control measure	: ESP + FF + Low NOx Burner
Status	: FGD Not Working
Recovery of Material	: -
Fugitive Emission,if any	: Nil
Observations :	


Saurabh Sharma
19-12-2022
Reviewer


19-12-2022
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. :E01-2212150496 Sample Reg. Date :15-12-2022 Report Date :19-12-2022 Report No. :ICE-2212190875 NABL ULR No. :TC592622000017073F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

Flue Gas Temperature, °C,Avg.	: 111
Flue Gas Velocity(m/s),Avg.	: 25.54
Volumetric Flow Rate(Nm ³ /hr.)	: 2632619.58
Ambient Air Temperature, °C	: 23

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	32.21
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-2)	Max. 200	1473.19
c.	Oxides of Nitrogen (NO _x), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-7)	Max. 450	230.13
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	0.64

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 14.12.2022, Sampling Procedure - SOP/ITC/EW/056. FGD was not operational.

REMARKS by JPL:JPL encountered issues with Unit#1 FGD mist eliminator (ME), where severe choking was noticed and differential pressure across ME grew abnormally high which led to FGD system to operate abnormally. So it was decided to shut down FGD o avoid further operational issues. However, this was reported to SLDC and it was not allowed to shut the unit down owing to higher power demand in state


Saurabh Sharma
19-12-2022
Reviewer


19-12-2022
PremKumar
[Authorized Signatory]

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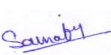
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*****End Of Report*****


Saurabh Sharma
19-12-2022
Reviewer


19-12-2022
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. :E01-2212150497 Sample Reg. Date :15-12-2022 Report Date :19-12-2022 Report No. :ICE-2212190876 NABL ULR No. :TC592622000017074F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022
Test Report as per :	: EPA Act 1986/PCLS/2010
Sampling Information :	
Date of Monitoring	: 14-12-2022
Time of Monitoring	: 12:38 to 13:02 hrs
Name of the emission source monitored	: Stack Emission of Boiler
Rated Capacity	: 660 MW
Capacity on sampling day	: 605 MW
Type of fuel used & its consumption	: Coal & 342 Ton/hrs
Normal operating schedule	: 24 hrs
Stack Identification	: Stack attached to Boiler, Unit -2,(At 65 Meter's Height)
Type of Stack/Duct	: Metal
Stack Height from Ground Level(m)	: 275
Diameter of the Stack(cm)	: 700
Sampling Duration(minutes)	: 24
Purpose of Monitoring	: For Self Monitoring
Air Pollution control measure	: ESP + FF + FGD + Low NOx Burner
Status	: Working
Recovery of Material	: -
Fugitive Emission,if any	: Nil
Observations :	

Saurabh Sharma
Saurabh Sharma
19-12-2022
Reviewer

PremKumar
19-12-2022
PremKumar
[Authorized Signatory]

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2212150497 Sample Reg. Date :15-12-2022 Report Date :19-12-2022 Report No. :ICE-2212190876 NABL ULR No. :TC592622000017074F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

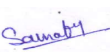
Flue Gas Temperature, °C,Avg.	: 52
Flue Gas Velocity(m/s),Avg.	: 23.45
Volumetric Flow Rate(Nm ³ /hr.)	: 2855998.16
Ambient Air Temperature, °C	: 23

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	27.17
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-2)	Max. 200	180.27
c.	Oxides of Nitrogen (NO _x), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-7)	Max. 450	255.21
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	3.15

'#' 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 14.12.2022, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A


Saurabh Sharma
19-12-2022
Reviewer


19-12-2022
PremKumar
[Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)
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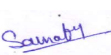
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2212150497 Sample Reg. Date :15-12-2022 Report Date :19-12-2022 Report No. :ICE-2212190876 NABL ULR No. :TC592622000017074F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

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


Saurabh Sharma
19-12-2022
Reviewer


19-12-2022
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. :E01-2212260945 Sample Reg. Date :26-12-2022 Report Date :28-12-2022 Report No. :ICE-2212281329 NABL ULR No. :TC592622000017543F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022
Test Report as per :	: EPA Act 1986/PCLS/2010
Sampling Information :	
Date of Monitoring	: 23-12-2022
Time of Monitoring	: 11:20 to 12:08 hrs
Name of the emission source monitored	: Stack Emission of Boiler
Rated Capacity	: 660 MW
Capacity on sampling day	: 635 MW
Type of fuel used & its consumption	: Coal & 406 Ton/hrs
Normal operating schedule	: 24 hrs
Stack Identification	: Stack attached to Boiler Unit-1 (At 65 Meter's Height)
Type of Stack/Duct	: Metal
Stack Height from Ground Level(m)	: 275
Diameter of the Stack(cm)	: 700
Sampling Duration(minutes)	: 48
Purpose of Monitoring	: For Self Monitoring
Air Pollution control measure	: ESP + FF + FGD + Low NOx Burner
Status	: Working
Recovery of Material	: -
Fugitive Emission,if any	: Nil
Observations :	

Saurabh Sharma
Saurabh Sharma
28-12-2022
Reviewer

PremKumar
28-12-2022
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. :E01-2212260945 Sample Reg. Date :26-12-2022 Report Date :28-12-2022 Report No. :ICE-2212281329 NABL ULR No. :TC592622000017543F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

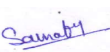
Flue Gas Temperature, °C,Avg.	: 55
Flue Gas Velocity(m/s),Avg.	: 23.20
Volumetric Flow Rate(Nm ³ /hr.)	: 2841952.21
Ambient Air Temperature, °C	: 16

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	34.32
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-2)	Max. 200	169.98
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	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	3.52

'#' 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 23.12.2022, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A


Saurabh Sharma
28-12-2022
Reviewer


28-12-2022
PremKumar
[Authorized Signatory]

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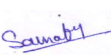
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Test Report

Document QF : 2501
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2212260945 Sample Reg. Date :26-12-2022 Report Date :28-12-2022 Report No. :ICE-2212281329 NABL ULR No. :TC592622000017543F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

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


Saurabh Sharma
28-12-2022
Reviewer


28-12-2022
PremKumar
[Authorized Signatory]

Disclaimer :

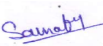
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Test Report

Document QF : 2501
Page 1 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. : E01-2212260946 Sample Reg. Date : 26-12-2022 Report Date : 28-12-2022 Report No. : ICE-2212281328 NABL ULR No. : TC592622000017544F Customer Ref. No. : Order No.5030010814 Letter Dated : 21.11.2022

Test Report as per :	: EPA Act 1986/PCLS/2010
Sampling Information :	
Date of Monitoring	: 23-12-2022
Time of Monitoring	: 10:20 to 11:08 hrs
Name of the emission source monitored	: Stack Emission of Boiler
Rated Capacity	: 660 MW
Capacity on sampling day	: 660 MW
Type of fuel used & its consumption	: Coal & 405 Ton/hrs
Normal operating schedule	: 24 hrs
Stack Identification	: Stack attached to Boiler Unit-2 (At 65 Meter's Height)
Type of Stack/Duct	: Metal
Stack Height from Ground Level(m)	: 275
Diameter of the Stack(cm)	: 700
Sampling Duration(minutes)	: 48
Purpose of Monitoring	: For Self Monitoring
Air Pollution control measure	: ESP + FF + FGD + Low NOx Burner
Status	: Working
Recovery of Material	: -
Fugitive Emission,if any	: Nil
Observations :	


Saurabh Sharma
28-12-2022
Reviewer


28-12-2022
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. :E01-2212260946
	Sample Reg. Date :26-12-2022
	Report Date :28-12-2022
	Report No. :ICE-2212281328
	NABL ULR No. :TC592622000017544F
	Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

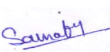
Flue Gas Temperature, °C,Avg.	: 55
Flue Gas Velocity(m/s),Avg.	: 22.44
Volumetric Flow Rate(Nm ³ /hr.)	: 2748853.77
Ambient Air Temperature, °C	: 17

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	25.23
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-2)	Max. 200	159.47
c.	Oxides of Nitrogen (NO _x), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-7)	Max. 450	260.24
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	2.30

'#' 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 23.12.2022, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A


Saurabh Sharma
28-12-2022
Reviewer


28-12-2022
PremKumar
[Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.
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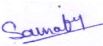
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Test Report

Document QF : 2501
Page 3 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2212260946 Sample Reg. Date :26-12-2022 Report Date :28-12-2022 Report No. :ICE-2212281328 NABL ULR No. :TC592622000017544F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

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


Saurabh Sharma
28-12-2022
Reviewer


28-12-2022
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. :E01-2212311242 Sample Reg. Date :31-12-2022 Report Date :04-01-2023 Report No. :ICE-2301040054 NABL ULR No. :TC592623000000061F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022
Test Report as per :	: EPA Act 1986/PCLS/2010
Sampling Information :	
Date of Monitoring	: 30-12-2022
Time of Monitoring	: 10:00 to 10:24 hrs
Name of the emission source monitored	: Stack Emission of Boiler
Rated Capacity	: 660 MW
Capacity on sampling day	: 642 MW
Type of fuel used & its consumption	: Coal & 382 Ton/hrs
Normal operating schedule	: 24 hrs
Stack Identification	: Stack attached to Boiler Unit-1 (At 65 Meter's Height)
Type of Stack/Duct	: Metal
Stack Height from Ground Level(m)	: 275
Diameter of the Stack(cm)	: 700
Sampling Duration(minutes)	: 24
Purpose of Monitoring	: For Self Monitoring
Air Pollution control measure	: ESP + FF + FGD + Low NOx Burner
Status	: Working
Recovery of Material	: -
Fugitive Emission,if any	: Nil
Observations :	

Saurabh Sharma
04-01-2023
Reviewer

04-01-2023
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. :E01-2212311242 Sample Reg. Date :31-12-2022 Report Date :04-01-2023 Report No. :ICE-2301040054 NABL ULR No. :TC592623000000061F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

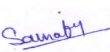
Flue Gas Temperature, °C,Avg.	: 55
Flue Gas Velocity(m/s),Avg.	: 23.03
Volumetric Flow Rate(Nm ³ /hr.)	: 2783004.21
Ambient Air Temperature, °C	: 16

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	26.27
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-2)	Max. 200	162.64
c.	Oxides of Nitrogen (NO _x), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-7)	Max. 450	247.16
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	4.21

'#' 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 30.12.2022, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A


Saurabh Sharma
04-01-2023
Reviewer


04-01-2023
PremKumar
[Authorized Signatory]

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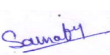
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Page 3 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2212311242 Sample Reg. Date :31-12-2022 Report Date :04-01-2023 Report No. :ICE-2301040054 NABL ULR No. :TC592623000000061F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

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


Saurabh Sharma
04-01-2023
Reviewer


04-01-2023
PremKumar
[Authorized Signatory]

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2212311243 Sample Reg. Date :31-12-2022 Report Date :04-01-2023 Report No. :ICE-2301040055 NABL ULR No. :TC592623000000062F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022
Test Report as per :	: EPA Act 1986/PCLS/2010
Sampling Information :	
Date of Monitoring	: 30-12-2022
Time of Monitoring	: 11:10 to 11:34 hrs
Name of the emission source monitored	: Stack Emission of Boiler
Rated Capacity	: 660 MW
Capacity on sampling day	: 654 MW
Type of fuel used & its consumption	: Coal & 395 Ton/hrs
Normal operating schedule	: 24 hrs
Stack Identification	: Stack attached to Boiler Unit-2 (At 65 Meter's Height)
Type of Stack/Duct	: Metal
Stack Height from Ground Level(m)	: 275
Diameter of the Stack(cm)	: 700
Sampling Duration(minutes)	: 24
Purpose of Monitoring	: For Self Monitoring
Air Pollution control measure	: ESP + FF + FGD + Low NOx Burner
Status	: Working
Recovery of Material	: -
Fugitive Emission,if any	: Nil
Observations :	

Saurabh Sharma
04-01-2023
Reviewer

04-01-2023
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. :E01-2212311243 Sample Reg. Date :31-12-2022 Report Date :04-01-2023 Report No. :ICE-2301040055 NABL ULR No. :TC592623000000062F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

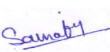
Flue Gas Temperature, °C,Avg.	: 52
Flue Gas Velocity(m/s),Avg.	: 23.05
Volumetric Flow Rate(Nm ³ /hr.)	: 2811132.64
Ambient Air Temperature, °C	: 17

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	28.28
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-2)	Max. 200	167.48
c.	Oxides of Nitrogen (NO _x), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-7)	Max. 450	263.17
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	4.50

'#' 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 30.12.2022, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A


Saurabh Sharma
04-01-2023
Reviewer


04-01-2023
PremKumar
[Authorized Signatory]

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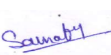
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Test Report

Document QF : 2501
Page 3 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2212311243 Sample Reg. Date :31-12-2022 Report Date :04-01-2023 Report No. :ICE-2301040055 NABL ULR No. :TC592623000000062F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

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


Saurabh Sharma
04-01-2023
Reviewer


04-01-2023
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. :E01-2212260947 Sample Reg. Date :26-12-2022 Report Date :29-12-2022 Report No. :ICE-2212291373 (1) NABL ULR No. :TC592622000017604F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022
Test Report as per :	: EPA Act 1986/PCLS/2010
Sampling Information :	
Date of Monitoring	: 23-12-2022
Time of Monitoring	: 17:16 to 17:52 hrs
Name of the emission source monitored	: Stack Emission of DG Set
Rated Capacity	: 1600 kVA
Capacity on sampling day	: 85 %
Type of fuel used & its consumption	: HSD & 327 ltr/hrs
Normal operating schedule	: As Required
Stack Identification	: Stack attached to DG Set-1 (1600 kVA) Engine No. 16171
Type of Stack/Duct	: Metal
Stack Height from Ground Level(m)	: 9.5
Diameter of the Stack(cm)	: 40
Sampling Duration(minutes)	: 36
Purpose of Monitoring	: For Self Monitoring
Air Pollution control measure	: Not Applicable
Status	: -
Recovery of Material	: -
Fugitive Emission,if any	: Nil
Observations :	

Saurabh Sharma
Saurabh Sharma
29-12-2022
Reviewer

PremKumar
29-12-2022
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. :E01-2212260947 Sample Reg. Date :26-12-2022 Report Date :29-12-2022 Report No. :ICE-2212291373 (1) NABL ULR No. :TC592622000017604F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

Flue Gas Temperature, °C,Avg.	: 296
Flue Gas Velocity(m/s),Avg.	: 27.30
Volumetric Flow Rate(Nm ³ /hr.)	: 6294.73
Ambient Air Temperature, °C	: 17

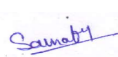
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	General Parameters			
a.	Particulate Matter,mg/Nm3(Corrected at 15 % O ₂)	IS:11255(P-1)	Max. 75	34.09
b.	Carbon Monoxide(CO),mg/Nm3(Corrected at 15 % O ₂)	IS:13270	Max. 150	74
c.	Oxides of Nitrogen NO _x (as NO ₂), ppmv (at 15% O ₂), dry basis	IS:11255(P-7)	Max. 710	369.61
d.	Sulphur Dioxide(SO ₂),mg/Nm3	IS:11255(P-2)	Not Specified	10.78

'*' 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 23.12.2022, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A

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


Saurabh Sharma
29-12-2022
Reviewer

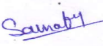

29-12-2022
PremKumar
[Authorized Signatory]

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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2212260947 Sample Reg. Date :26-12-2022 Report Date :29-12-2022 Report No. :ICE-2212291373 (2) Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022
Test Report as per :	: EPA Act 1986/PCLS/2010
Sampling Information :	
Date of Monitoring	: 23-12-2022
Time of Monitoring	: 17:16 to 17:52 hrs
Name of the emission source monitored	: Stack Emission of DG Set
Rated Capacity	: 1600 kVA
Capacity on sampling day	: 85 %
Type of fuel used & its consumption	: HSD & 327 ltr/hrs
Normal operating schedule	: As Required
Stack Identification	: Stack attached to DG Set-1 (1600 kVA) Engine No. 16171
Type of Stack/Duct	: Metal
Stack Height from Ground Level(m)	: 9.5
Diameter of the Stack(cm)	: 40
Sampling Duration(minutes)	: 36
Purpose of Monitoring	: For Self Monitoring
Air Pollution control measure	: Not Applicable
Status	: -
Recovery of Material	: -
Fugitive Emission,if any	: Nil
Observations :	
Flue Gas Temperature, °C,Avg.	: 296
Flue Gas Velocity(m/s),Avg.	: 27.30


Saurabh Sharma
29-12-2022
Reviewer


29-12-2022
PremKumar
[Authorized Signatory]

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Test Report

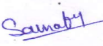
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar		Sample Reg. No. :E01-2212260947 Sample Reg. Date :26-12-2022 Report Date :29-12-2022 Report No. :ICE-2212291373 (2) Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022		
Volumetric Flow Rate(Nm ³ /hr.)		: 6294.73		
Ambient Air Temperature, °C		: 17		
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	18

'#' represents Customer Defined Fields

NOTE : NA- Not Applicable, Requirements as per EPA Act 1986/PCLS/2010, Sample collected by lab rep. on dated 23.12.2022, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A

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


Saurabh Sharma
29-12-2022
Reviewer


29-12-2022
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. :E01-2212260948 Sample Reg. Date :26-12-2022 Report Date :29-12-2022 Report No. :ICE-2212291375 (1) NABL ULR No. :TC592622000017605F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022
Test Report as per :	: EPA Act 1986/PCLS/2010
Sampling Information :	
Date of Monitoring	: 23-12-2022
Time of Monitoring	: 16:00 to 16:36 hrs
Name of the emission source monitored	: Stack Emission of DG Set
Rated Capacity	: 1600 kVA
Capacity on sampling day	: 85 %
Type of fuel used & its consumption	: HSD & 327 ltr/hrs
Normal operating schedule	: As Required
Stack Identification	: Stack attached to DG set-2 (1600 kVA) Engine No. 16386
Type of Stack/Duct	: Metal
Stack Height from Ground Level(m)	: 9.5
Diameter of the Stack(cm)	: 40
Sampling Duration(minutes)	: 36
Purpose of Monitoring	: For Self Monitoring
Air Pollution control measure	: Not Applicable
Status	: -
Recovery of Material	: -
Fugitive Emission,if any	: Nil
Observations :	

Saurabh Sharma
Saurabh Sharma
29-12-2022
Reviewer

PremKumar
29-12-2022
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. :E01-2212260948 Sample Reg. Date :26-12-2022 Report Date :29-12-2022 Report No. :ICE-2212291375 (1) NABL ULR No. :TC592622000017605F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

Flue Gas Temperature, °C,Avg.	: 292
Flue Gas Velocity(m/s),Avg.	: 27.22
Volumetric Flow Rate(Nm ³ /hr.)	: 6320.71
Ambient Air Temperature, °C	: 16

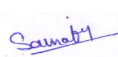
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	General Parameters			
a.	Particulate Matter,mg/Nm ³ (Corrected at 15 % O ₂)	IS:11255(P-1)	Max. 75	31.20
b.	Carbon Monoxide(CO),mg/Nm ³ (Corrected at 15 % O ₂)	IS:13270	Max. 150	76
c.	Oxides of Nitrogen NO _x (as NO ₂), ppmv (at 15% O ₂), dry basis	IS:11255(P-7)	Max. 710	367.22
d.	Sulphur Dioxide(SO ₂),mg/Nm ³	IS:11255(P-2)	Not Specified	10.74

'*' 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 23.12.2022, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A

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


Saurabh Sharma
29-12-2022
Reviewer

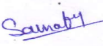

29-12-2022
PremKumar
[Authorized Signatory]

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Test Report as per :	: EPA Act 1986/PCLS/2010
Sampling Information :	
Date of Monitoring	: 23-12-2022
Time of Monitoring	: 16:00 to 16:36 hrs
Name of the emission source monitored	: Stack Emission of DG Set
Rated Capacity	: 1600 kVA
Capacity on sampling day	: 85 %
Type of fuel used & its consumption	: HSD & 327 ltr/hrs
Normal operating schedule	: As Required
Stack Identification	: Stack attached to DG set-2 (1600 kVA) Engine No. 16386
Type of Stack/Duct	: Metal
Stack Height from Ground Level(m)	: 9.5
Diameter of the Stack(cm)	: 40
Sampling Duration(minutes)	: 36
Purpose of Monitoring	: For Self Monitoring
Air Pollution control measure	: Not Applicable
Status	: -
Recovery of Material	: -
Fugitive Emission,if any	: Nil
Observations :	
Flue Gas Temperature, °C,Avg.	: 292
Flue Gas Velocity(m/s),Avg.	: 27.22


Saurabh Sharma
29-12-2022
Reviewer


29-12-2022
PremKumar
[Authorized Signatory]

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Interstellar Testing Centre Pvt. Ltd.

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

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Test Report

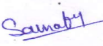
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar		Sample Reg. No. :E01-2212260948 Sample Reg. Date :26-12-2022 Report Date :29-12-2022 Report No. :ICE-2212291375 (2) Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022		
Volumetric Flow Rate(Nm ³ /hr.)		: 6320.71		
Ambient Air Temperature, °C		: 16		
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	22

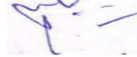
'#' represents Customer Defined Fields

NOTE : NA- Not Applicable, Requirements as per EPA Act 1986/PCLS/2010, Sample collected by lab rep. on dated 23.12.2022, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A

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


Saurabh Sharma
29-12-2022
Reviewer


29-12-2022
PremKumar
[Authorized Signatory]

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Test Report

Document QF : 2501

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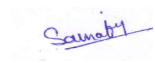
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2212190634 Sample Reg. Date :19-12-2022 Report Date :29-12-2022 Report No. :ICE-2212291395 (1) NABL ULR No. :TC592622000017622F Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

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	19-12-2022
n)	Date of Start	19-12-2022
o)	Date of Completion	29-12-2022
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample collected by lab rep. Mr. Vedpal on 16.12.2022, Sample from Village-Jhamri


29-12-2022
Deepika Heera
[Authorized Signatory]


Saurabh Sharma
29-12-2022
Reviewer


29-12-2022
PremKumar
[Authorized Signatory]

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Test Report

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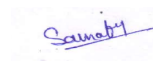
s)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
t)	Manufactured By [#]	NA
u)	Supplied By [#]	NA

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.	<0.5
e.	pH Value	IS: 3025 (Part-11): 2022	6.5-8.5	No relaxation	6.92


29-12-2022
Deepika Heera
[Authorized Signatory]


Saurabh Sharma
29-12-2022
Reviewer


29-12-2022
Prem Kumar
[Authorized Signatory]

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f.	Total Dissolved Solids,(mg/L)	IS: 3025 (P-16)-1984 (RA 2017)	500 Max.	2000 Max.	259
2.	Parameters Concerning Undesirable Substances in excess amount				
a.	Aluminium as Al, (mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.03 Max.	0.2 Max.	BLQ(LOQ:0.003)
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: 3025 (P-65)-2014 (RA 2019)	0.7 Max.	No relaxation	BLQ(LOQ:0.002)
e.	Boron (as B) (mg/l)	IS: 3025 (P-65)-2014 (RA 2019)	0.5 Max.	2.4 Max.	0.84
f.	Calcium(as Ca),(mg/L)	IS: 3025 (Part 40)- 1991 (RA 2019)	75 Max.	200 Max.	25.6
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
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.	4.4

29-12-2022
 Deepika Heera
 [Authorized Signatory]

Saurabh Sharma
 29-12-2022
 Reviewer

29-12-2022
 PremKumar
 [Authorized Signatory]

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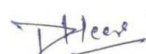
Test Report

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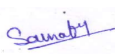
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2212190634 Sample Reg. Date :19-12-2022 Report Date :29-12-2022 Report No. :ICE-2212291395 (1) NABL ULR No. :TC592622000017622F Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

o.	Manganese as Mn, (mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.1 Max.	0.3 Max.	BLQ(LOQ:0.002)
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	12.1
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.	22.8
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.	129
w.	Total Hardness(as CaCO ₃)(mg/L)	IS: 3025 (Part 21)-2009 (RA 2019)	200 Max.	600 Max.	46
x.	Zinc(as Zn)(mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	5 Max.	15 Max.	0.004
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)



29-12-2022
Deepika Heera
[Authorized Signatory]



Saurabh Sharma
29-12-2022
Reviewer



29-12-2022
Prem Kumar
[Authorized Signatory]

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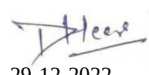
f.	Nickel(as Ni) (mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.02 Max.	No Relaxation	BLQ(LOQ:0.002)
g.	Total Arsenic(as As)(mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.01 Max.	No relaxation	BLQ(LOQ:0.002)
h.	Total Chromium(as Cr)(mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.05 Max.	No Relaxation	BLQ(LOQ:0.002)

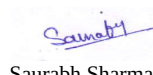
represents categories/test parameters not covered under NABL *# represents Customer Defined Fields

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

REMARKS : The above referred sample of Water Sample (Bore Well Water) conforms to BIS Specification IS:10500-2012 with upto date amtds with respect to the above tests.

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


29-12-2022
Deepika Heera
[Authorized Signatory]


Saurabh Sharma
29-12-2022
Reviewer


29-12-2022
PremKumar
[Authorized Signatory]

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Test Report

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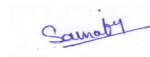
Test Report as per IS: BIS Specification IS:10500-2012	With Amendment No.(s): 01 to 04

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	19-12-2022
n)	Date of Start	19-12-2022
o)	Date of Completion	29-12-2022
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample collected by lab rep. Mr. Vedpal on 16.12.2022, Sample from Village-Jhamri
s)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
t)	Manufactured By [#]	NA



29-12-2022
Deepika Heera
[Authorized Signatory]



29-12-2022
Saurabh Sharma
Reviewer



29-12-2022
PremKumar
[Authorized Signatory]

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Test Report

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u)	Supplied By #	NA

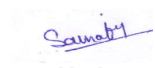
PART B : SUPPLIMENTARY INFORMATIONS

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		Clear colorless liquid.			
S.No.	Parameters	Method	Acceptable Limit	Permissible Limit	Result
	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


29-12-2022
Deepika Heera
[Authorized Signatory]


Saurabh Sharma
29-12-2022
Reviewer


29-12-2022
PremKumar
[Authorized Signatory]

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Test Report

Document QF : 2501

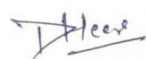
Page 3 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2212190634 Sample Reg. Date :19-12-2022 Report Date :29-12-2022 Report No. :ICE-2212291395 (2) Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

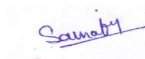
NOTE : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Sampling Procedure - SOP/ITC/EW/030

REMARKS :The above referred sample of 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*******



29-12-2022
Deepika Heera
[Authorized Signatory]



Saurabh Sharma
29-12-2022
Reviewer



29-12-2022
PremKumar
[Authorized Signatory]

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Test Report

Document QF : 2501

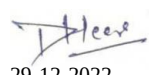
Page 1 of 5

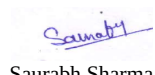
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2212190630 Sample Reg. Date :19-12-2022 Report Date :29-12-2022 Report No. :ICE-2212291374 (1) NABL ULR No. :TC592622000017606F Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

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	19-12-2022
n)	Date of Start	20-12-2022
o)	Date of Completion	29-12-2022
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample collected by lab rep. Mr. Vedpal on 16.12.2022, Sample from Village-Khanpur Khurd


 29-12-2022
Deepika Heera
 [Authorized Signatory]


 Saurabh Sharma
 29-12-2022
 Reviewer


 29-12-2022
PremKumar
 [Authorized Signatory]

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Test Report

Document QF : 2501

Page 2 of 5

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2212190630 Sample Reg. Date :19-12-2022 Report Date :29-12-2022 Report No. :ICE-2212291374 (1) NABL ULR No. :TC592622000017606F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

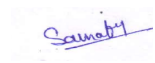
s)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
t)	Manufactured By [#]	NA
u)	Supplied By [#]	NA

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	6.68


29-12-2022
Deepika Heera
[Authorized Signatory]


Saurabh Sharma
29-12-2022
Reviewer


29-12-2022
PremKumar
[Authorized Signatory]

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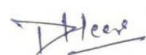
Test Report

Document QF : 2501

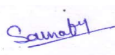
Page 3 of 5

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2212190630 Sample Reg. Date :19-12-2022 Report Date :29-12-2022 Report No. :ICE-2212291374 (1) NABL ULR No. :TC592622000017606F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

f.	Total Dissolved Solids,(mg/L)	IS: 3025 (P-16)-1984 (RA 2017)	500 Max.	2000 Max.	398
2.	Parameters Concerning Undesirable Substances in excess amount				
a.	Aluminium as Al, (mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.03 Max.	0.2 Max.	BLQ(LOQ:0.003)
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: 3025 (P-65)-2014 (RA 2019)	0.7 Max.	No relaxation	0.002
e.	Boron (as B) (mg/l)	IS: 3025 (P-65)-2014 (RA 2019)	0.5 Max.	2.4 Max.	0.88
f.	Calcium(as Ca),(mg/L)	IS: 3025 (Part 40)- 1991 (RA 2019)	75 Max.	200 Max.	31.3
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.	56
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.	22.3


29-12-2022

Deepika Heera
[Authorized Signatory]


29-12-2022

Saurabh Sharma
29-12-2022
Reviewer


29-12-2022

Prem Kumar
[Authorized Signatory]

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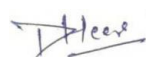
Test Report

Document QF : 2501

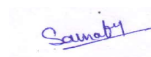
Page 4 of 5

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2212190630 Sample Reg. Date :19-12-2022 Report Date :29-12-2022 Report No. :ICE-2212291374 (1) NABL ULR No. :TC592622000017606F Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

o.	Manganese as Mn, (mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.1 Max.	0.3 Max.	BLQ(LOQ:0.002)
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	11.3
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.	26.8
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.	139
w.	Total Hardness(as CaCO ₃)(mg/L)	IS: 3025 (Part 21)-2009 (RA 2019)	200 Max.	600 Max.	170
x.	Zinc(as Zn)(mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	5 Max.	15 Max.	0.005
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)


29-12-2022

Deepika Heera
[Authorized Signatory]


29-12-2022

Saurabh Sharma
29-12-2022
Reviewer


29-12-2022

Prem Kumar
[Authorized Signatory]

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Test Report

Document QF : 2501

Page 5 of 5

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2212190630 Sample Reg. Date :19-12-2022 Report Date :29-12-2022 Report No. :ICE-2212291374 (1) NABL ULR No. :TC592622000017606F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

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)

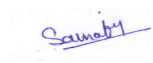
*# represents categories/test parameters not covered under NABL *# represents Customer Defined Fields

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

REMARKS : The above referred sample of Water Sample (Bore Well Water) conforms to BIS Specification IS:10500-2012 respect to the above tests.

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


 29-12-2022
 Deepika Heera
 [Authorized Signatory]


 Saurabh Sharma
 29-12-2022
 Reviewer


 29-12-2022
 PremKumar
 [Authorized Signatory]

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

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Test Report

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Page 1 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2212190630 Sample Reg. Date :19-12-2022 Report Date :29-12-2022 Report No. :ICE-2212291374 (2) Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

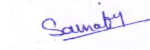
Test Report as per IS: BIS Specification IS:10500-2012	With Amendment No.(s): 01 to 04

PART A : PARTICULARS OF SAMPLE SUBMITTED

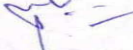
a)	Nature of Sample [#]	Water Sample (Bore Well Water)
b)	Sample Condition	Good
c)	Grade / Variety / Type / Class / Size etc.	NA
d)	Brand Name	NA
e)	Declared Values,if any	NA
f)	Code No.	
g)	Batch Number [#]	NA
h)	D.O.M [#]	NA
i)	Date of Expiry [#]	NA
j)	Sample Quantity [#]	6 Ltr
k)	Batch Size/Location [#]	NA
l)	Mode of Packing	Packed in bottles
m)	Date of Receipt	19-12-2022
n)	Date of Start	20-12-2022
o)	Date of Completion	29-12-2022
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample collected by lab rep. Mr. Vedpal on 16.12.2022, Sample from Village-Khanpur Khurd
s)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
t)	Manufactured By [#]	NA



29-12-2022
Deepika Heera
[Authorized Signatory]



29-12-2022
Saurabh Sharma
Reviewer



29-12-2022
PremKumar
[Authorized Signatory]

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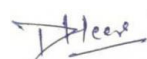
u)	Supplied By #	NA

PART B : SUPPLEMENTARY INFORMATIONS

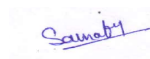
a.	Reference to sampling procedure, whenever applicable	: N/A
b.	Supporting documents for the measurement taken and results derived like graphs, tables, sketches and / or photographs as appropriate to test reports, if any	: N/A
c.	Deviation from the test methods as prescribed in relevant ISS/WORK Instruments,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

Description					
Description		Clear colorless liquid.			
S.No.	Parameters	Method	Acceptable Limit	Permissible Limit	Result
	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



29-12-2022
Deepika Heera
[Authorized Signatory]



Saurabh Sharma
29-12-2022
Reviewer



29-12-2022
PremKumar
[Authorized Signatory]

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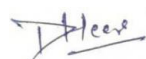
Page 3 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2212190630 Sample Reg. Date :19-12-2022 Report Date :29-12-2022 Report No. :ICE-2212291374 (2) Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

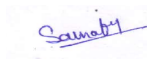
NOTE : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Sampling Procedure - SOP/ITC/EW/030

REMARKS : The above referred sample of Water Sample (Bore Well Water) conforms to BIS Specification IS:10500-2012 respect to the above tests.

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



29-12-2022
Deepika Heera
[Authorized Signatory]



Saurabh Sharma
29-12-2022
Reviewer



29-12-2022
PremKumar
[Authorized Signatory]

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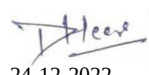
Page 1 of 5

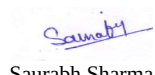
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2212190628 Sample Reg. Date :19-12-2022 Report Date :26-12-2022 Report No. :ICE-2212261250 (1) NABL ULR No. :TC592622000017448F Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

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	19-12-2022
n)	Date of Start	19-12-2022
o)	Date of Completion	24-12-2022
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample collected by lab rep. Mr. Vedpal on on 16.12.2022, Sample from Village-Khanpur Kalan


 24-12-2022
 Deepika Heera
 [Authorized Signatory]


 Saurabh Sharma
 26-12-2022
 Reviewer


 26-12-2022
 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. :E01-2212190628 Sample Reg. Date :19-12-2022 Report Date :26-12-2022 Report No. :ICE-2212261250 (1) NABL ULR No. :TC592622000017448F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

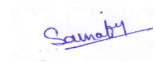
s)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
t)	Manufactured By [#]	NA
u)	Supplied By [#]	NA

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	6.70


24-12-2022
Deepika Heera
[Authorized Signatory]


Saurabh Sharma
26-12-2022
Reviewer


26-12-2022
PremKumar
[Authorized Signatory]

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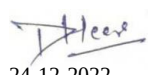
Test Report

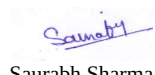
Document QF : 2501

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2212190628 Sample Reg. Date :19-12-2022 Report Date :26-12-2022 Report No. :ICE-2212261250 (1) NABL ULR No. :TC592622000017448F Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

f.	Total Dissolved Solids,(mg/L)	IS: 3025 (P-16)-1984 (RA 2017)	500 Max.	2000 Max.	480
2.	Parameters Concerning Undesirable Substances in excess amount				
a.	Aluminium as Al, (mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.03 Max.	0.2 Max.	BLQ(LOQ:0.003)
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: 3025 (P-65)-2014 (RA 2019)	0.7 Max.	No relaxation	0.002
e.	Boron (as B) (mg/l)	IS: 3025 (P-65)-2014 (RA 2019)	0.5 Max.	2.4 Max.	0.87
f.	Calcium(as Ca),(mg/L)	IS: 3025 (Part 40)- 1991 (RA 2019)	75 Max.	200 Max.	29
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.	70
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.	11.5


24-12-2022
Deepika Heera
[Authorized Signatory]


Saurabh Sharma
26-12-2022
Reviewer


26-12-2022
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. :E01-2212190628 Sample Reg. Date :19-12-2022 Report Date :26-12-2022 Report No. :ICE-2212261250 (1) NABL ULR No. :TC592622000017448F Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

o.	Manganese as Mn, (mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.1 Max.	0.3 Max.	BLQ(LOQ:0.002)
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	12.4
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.	25.3
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.	139
w.	Total Hardness(as CaCO ₃)(mg/L)	IS: 3025 (Part 21)-2009 (RA 2019)	200 Max.	600 Max.	120
x.	Zinc(as Zn)(mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	5 Max.	15 Max.	0.008
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)

Deepika Heera

24-12-2022
Deepika Heera
 [Authorized Signatory]

Saurabh Sharma

26-12-2022
Saurabh Sharma
 Reviewer

PremKumar

26-12-2022
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. :E01-2212190628 Sample Reg. Date :19-12-2022 Report Date :26-12-2022 Report No. :ICE-2212261250 (1) NABL ULR No. :TC592622000017448F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

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)

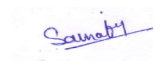
'*' represents categories/test parameters not covered under NABL '#' represents Customer Defined Fields

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

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*****


 24-12-2022
 Deepika Heera
 [Authorized Signatory]


 Saurabh Sharma
 26-12-2022
 Reviewer


 26-12-2022
 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. :E01-2212190628 Sample Reg. Date :19-12-2022 Report Date :26-12-2022 Report No. :ICE-2212261250 (2) Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

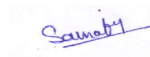
Test Report as per IS: BIS Specification IS:10500-2012	With Amendment No.(s): 01 to 04

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	19-12-2022
n)	Date of Start	19-12-2022
o)	Date of Completion	24-12-2022
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample collected by lab rep. Mr. Vedpal on on 16.12.2022, Sample from Village-Khanpur Kalan
s)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
t)	Manufactured By #	NA



24-12-2022
Deepika Heera
[Authorized Signatory]



Saurabh Sharma
26-12-2022
Reviewer



26-12-2022
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. :E01-2212190628 Sample Reg. Date :19-12-2022 Report Date :26-12-2022 Report No. :ICE-2212261250 (2) Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

u)	Supplied By #	NA

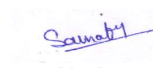
PART B : SUPPLIMENTARY INFORMATIONS

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		Clear colorless liquid.			
S.No.	Parameters	Method	Acceptable Limit	Permissible Limit	Result
	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


24-12-2022
Deepika Heera
[Authorized Signatory]


Saurabh Sharma
26-12-2022
Reviewer


26-12-2022
PremKumar
[Authorized Signatory]

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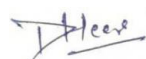
Page 3 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2212190628 Sample Reg. Date :19-12-2022 Report Date :26-12-2022 Report No. :ICE-2212261250 (2) Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

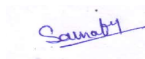
NOTE : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Sampling Procedure - SOP/ITC/EW/030

REMARKS :The above referred sample of 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*******



24-12-2022
Deepika Heera
[Authorized Signatory]



Saurabh Sharma
26-12-2022
Reviewer



26-12-2022
PremKumar
[Authorized Signatory]

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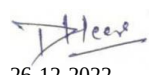
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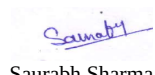
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2212190632 Sample Reg. Date :19-12-2022 Report Date :26-12-2022 Report No. :ICE-2212261251 (1) NABL ULR No. :TC592622000017459F Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

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	19-12-2022
n)	Date of Start	19-12-2022
o)	Date of Completion	24-12-2022
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample collected by lab rep. Mr. Vedpal on on 16.12.2022, Sample from Village-Wazidpur


26-12-2022
Deepika Heera
[Authorized Signatory]


Saurabh Sharma
26-12-2022
Reviewer


26-12-2022
PremKumar
[Authorized Signatory]

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2212190632 Sample Reg. Date :19-12-2022 Report Date :26-12-2022 Report No. :ICE-2212261251 (1) NABL ULR No. :TC592622000017459F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

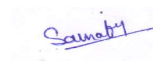
s)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
t)	Manufactured By [#]	NA
u)	Supplied By [#]	NA

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	6.73


26-12-2022
Deepika Heera
[Authorized Signatory]


Saurabh Sharma
26-12-2022
Reviewer


26-12-2022
PremKumar
[Authorized Signatory]

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2212190632 Sample Reg. Date :19-12-2022 Report Date :26-12-2022 Report No. :ICE-2212261251 (1) NABL ULR No. :TC592622000017459F Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

f.	Total Dissolved Solids,(mg/L)	IS: 3025 (P-16)-1984 (RA 2017)	500 Max.	2000 Max.	380
2.	Parameters Concerning Undesirable Substances in excess amount				
a.	Aluminium as Al, (mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.03 Max.	0.2 Max.	BLQ(LOQ:0.003)
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: 3025 (P-65)-2014 (RA 2019)	0.7 Max.	No relaxation	0.002
e.	Boron (as B) (mg/l)	IS: 3025 (P-65)-2014 (RA 2019)	0.5 Max.	2.4 Max.	0.86
f.	Calcium(as Ca),(mg/L)	IS: 3025 (Part 40)- 1991 (RA 2019)	75 Max.	200 Max.	28.9
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.	35
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.	1.4

26-12-2022
 Deepika Heera
 [Authorized Signatory]

Saurabh Sharma
 26-12-2022
 Reviewer

26-12-2022
 PremKumar
 [Authorized Signatory]

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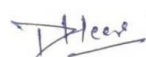
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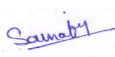
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2212190632 Sample Reg. Date :19-12-2022 Report Date :26-12-2022 Report No. :ICE-2212261251 (1) NABL ULR No. :TC592622000017459F Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

o.	Manganese as Mn, (mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.1 Max.	0.3 Max.	BLQ(LOQ:0.002)
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	10.1
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.	21.2
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.	139
w.	Total Hardness(as CaCO ₃)(mg/L)	IS: 3025 (Part 21)-2009 (RA 2019)	200 Max.	600 Max.	78
x.	Zinc(as Zn)(mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	5 Max.	15 Max.	0.005
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)



26-12-2022
Deepika Heera
 [Authorized Signatory]



Saurabh Sharma
 26-12-2022
 Reviewer



26-12-2022
Prem Kumar
 [Authorized Signatory]

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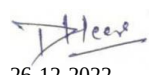
f.	Nickel(as Ni) (mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.02 Max.	No Relaxation	BLQ(LOQ:0.002)
g.	Total Arsenic(as As)(mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.01 Max.	No relaxation	BLQ(LOQ:0.002)
h.	Total Chromium(as Cr)(mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.05 Max.	No Relaxation	BLQ(LOQ:0.002)

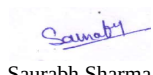
*# represents categories/test parameters not covered under NABL *# represents Customer Defined Fields

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

REMARKS : The above referred sample of Water Sample (Bore Well Water) conforms to BIS Specification IS:10500-2012 with upto date amtds with respect to the above tests.

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


 26-12-2022
 Deepika Heera
 [Authorized Signatory]


 Saurabh Sharma
 26-12-2022
 Reviewer


 26-12-2022
 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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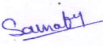
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2212190632 Sample Reg. Date :19-12-2022 Report Date :26-12-2022 Report No. :ICE-2212261251 (2) Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

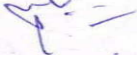
Test Report as per IS: BIS Specification IS:10500-2012	With Amendment No.(s): 01 to 04

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	19-12-2022
n)	Date of Start	19-12-2022
o)	Date of Completion	24-12-2022
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample collected by lab rep. Mr. Vedpal on on 16.12.2022, Sample from Village-Wazidpur
s)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
t)	Manufactured By [#]	NA


26-12-2022
Deepika Heera
[Authorized Signatory]


Saurabh Sharma
26-12-2022
Reviewer


26-12-2022
PremKumar
[Authorized Signatory]

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u)	Supplied By #	NA

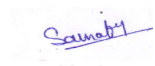
PART B : SUPPLIMENTARY INFORMATIONS

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		Clear colorless liquid			
S.No.	Parameters	Method	Acceptable Limit	Permissible Limit	Result
	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


26-12-2022
Deepika Heera
[Authorized Signatory]


Saurabh Sharma
26-12-2022
Reviewer


26-12-2022
PremKumar
[Authorized Signatory]

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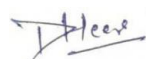
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2212190632 Sample Reg. Date :19-12-2022 Report Date :26-12-2022 Report No. :ICE-2212261251 (2) Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

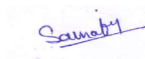
NOTE : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Sampling Procedure - SOP/ITC/EW/030

REMARKS :The above referred sample of 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*******



26-12-2022
Deepika Heera
[Authorized Signatory]



Saurabh Sharma
26-12-2022
Reviewer



26-12-2022
PremKumar
[Authorized Signatory]

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Document QF : 2501

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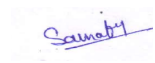
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2212190621 Sample Reg. Date :19-12-2022 Report Date :28-12-2022 Report No. :ICE-2212281348 (1) NABL ULR No. :TC592622000017567F Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

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	19-12-2022
n)	Date of Start	19-12-2022
o)	Date of Completion	27-12-2022
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample collected by lab rep. Mr, Vedpal on 1612.2022, Sample of Up Stream (Bore Well)


 28-12-2022
Deepika Heera
 [Authorized Signatory]


 Saurabh Sharma
 28-12-2022
 Reviewer


 28-12-2022
PremKumar
 [Authorized Signatory]

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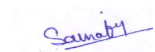
s)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
t)	Manufactured By [#]	NA
u)	Supplied By [#]	NA

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	-	*
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


28-12-2022
Deepika Heera
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Saurabh Sharma
28-12-2022
Reviewer


28-12-2022
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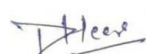
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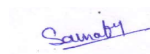
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f.	Total Dissolved Solids,(mg/L)	IS: 3025 (P-16)-1984 (RA 2017)	500 Max.	2000 Max.	4420
2.	Parameters Concerning Undesirable Substances in excess amount				
a.	Aluminium as Al, (mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.03 Max.	0.2 Max.	BLQ(LOQ:0.003)
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: 3025 (P-65)-2014 (RA 2019)	0.7 Max.	No relaxation	0.015
e.	Boron (as B) (mg/l)	IS: 3025 (P-65)-2014 (RA 2019)	0.5 Max.	2.4 Max.	1.17
f.	Calcium(as Ca),(mg/L)	IS: 3025 (Part 40)-1991 (RA 2019)	75 Max.	200 Max.	99.4
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.	1723
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.	102


28-12-2022

Deepika Heera
[Authorized Signatory]


28-12-2022

Saurabh Sharma
Reviewer


28-12-2022

PremKumar
[Authorized Signatory]

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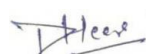
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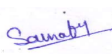
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2212190621 Sample Reg. Date :19-12-2022 Report Date :28-12-2022 Report No. :ICE-2212281348 (1) NABL ULR No. :TC592622000017567F Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

o.	Manganese as Mn, (mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.1 Max.	0.3 Max.	BLQ(LOQ:0.002)
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	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.	1080
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.	431
w.	Total Hardness(as CaCO ₃)(mg/L)	IS: 3025 (Part 21)-2009 (RA 2019)	200 Max.	600 Max.	668
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	0.003



28-12-2022
Deepika Heera
 [Authorized Signatory]



Saurabh Sharma
 28-12-2022
 Reviewer



28-12-2022
Prem Kumar
 [Authorized Signatory]

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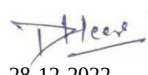
f.	Nickel(as Ni) (mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.02 Max.	No Relaxation	BLQ(LOQ:0.002)
g.	Total Arsenic(as As)(mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.01 Max.	No relaxation	BLQ(LOQ:0.002)
h.	Total Chromium(as Cr)(mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.05 Max.	No Relaxation	0.004

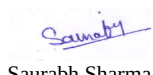
'*' represents categories/test parameters not covered under NABL '#' represents Customer Defined Fields

NOTE : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification. Sampling Procedure : SOP/ITC/EW/030. *
Test not performed because sample is not safe for ingestion.

REMARKS : N/A

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


28-12-2022
Deepika Heera
[Authorized Signatory]


Saurabh Sharma
28-12-2022
Reviewer


28-12-2022
PremKumar
[Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)
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Phone : (O) 0172-2561543, 2565825
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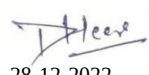
Page 1 of 5

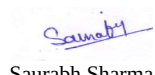
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2212190622 Sample Reg. Date :19-12-2022 Report Date :28-12-2022 Report No. :ICE-2212281349 (1) NABL ULR No. :TC592622000017570F Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

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	19-12-2022
n)	Date of Start	19-12-2022
o)	Date of Completion	27-12-2022
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample collected by lab rep. on 16.12.2022, Sample from Down Stream (Bore Well)


 28-12-2022
Deepika Heera
 [Authorized Signatory]


 Saurabh Sharma
 28-12-2022
 Reviewer


 28-12-2022
PremKumar
 [Authorized Signatory]

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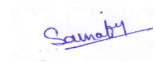
s)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
t)	Manufactured By [#]	NA
u)	Supplied By [#]	NA

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	-	*
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	7.77


28-12-2022
Deepika Heera
[Authorized Signatory]


Saurabh Sharma
28-12-2022
Reviewer


28-12-2022
PremKumar
[Authorized Signatory]

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2212190622 Sample Reg. Date :19-12-2022 Report Date :28-12-2022 Report No. :ICE-2212281349 (1) NABL ULR No. :TC592622000017570F Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

f.	Total Dissolved Solids,(mg/L)	IS: 3025 (P-16)-1984 (RA 2017)	500 Max.	2000 Max.	4084
2.	Parameters Concerning Undesirable Substances in excess amount				
a.	Aluminium as Al, (mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.03 Max.	0.2 Max.	BLQ(LOQ:0.003)
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: 3025 (P-65)-2014 (RA 2019)	0.7 Max.	No relaxation	0.015
e.	Boron (as B) (mg/l)	IS: 3025 (P-65)-2014 (RA 2019)	0.5 Max.	2.4 Max.	1.20
f.	Calcium(as Ca),(mg/L)	IS: 3025 (Part 40)-1991 (RA 2019)	75 Max.	200 Max.	97.7
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.	1723
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.	94.3

28-12-2022
 Deepika Heera
 [Authorized Signatory]

28-12-2022
 Saurabh Sharma
 [Reviewer]

28-12-2022
 PremKumar
 [Authorized Signatory]

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o.	Manganese as Mn, (mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.1 Max.	0.3 Max.	BLQ(LOQ:0.002)
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	45
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.	981
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.	436
w.	Total Hardness(as CaCO ₃)(mg/L)	IS: 3025 (Part 21)-2009 (RA 2019)	200 Max.	600 Max.	632
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	0.003

Deepika Heera

28-12-2022
Deepika Heera
[Authorized Signatory]

Saurabh Sharma

Saurabh Sharma
28-12-2022
Reviewer

PremKumar

28-12-2022
PremKumar
[Authorized Signatory]

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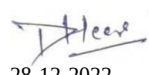
f.	Nickel(as Ni) (mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.02 Max.	No Relaxation	BLQ(LOQ:0.002)
g.	Total Arsenic(as As)(mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.01 Max.	No relaxation	BLQ(LOQ:0.002)
h.	Total Chromium(as Cr)(mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.05 Max.	No Relaxation	0.004

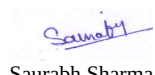
'*' represents categories/test parameters not covered under NABL '#' represents Customer Defined Fields

NOTE : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification. Sampling Procedure : SOP/ITC/EW/030. *
Test not performed because sample is not safe for ingestion.

REMARKS : N/A

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


28-12-2022
Deepika Heera
[Authorized Signatory]


Saurabh Sharma
28-12-2022
Reviewer


28-12-2022
PremKumar
[Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)
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Phone : (O) 0172-2561543, 2565825
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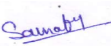
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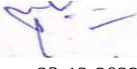
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2212190606 Sample Reg. Date :19-12-2022 Report Date :23-12-2022 Report No. :ICE-2212231116 (1) NABL ULR No. :TC592622000017329F Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

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 #	4 Ltr
k)	Batch Size/Location #	NA
l)	Mode of Packing	Packed in bottles
m)	Date of Receipt	19-12-2022
n)	Date of Start	19-12-2022
o)	Date of Completion	23-12-2022
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample collected by lab rep. on 16.12.2022


Saurabh Sharma
23-12-2022
Reviewer


23-12-2022
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. :E01-2212190606 Sample Reg. Date :19-12-2022 Report Date :23-12-2022 Report No. :ICE-2212231116 (1) NABL ULR No. :TC592622000017329F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

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 yellowish
b.	Odour.	IS: 3025 (P-5)-2018		None
c.	pH Value	IS: 3025 (Part 11): 2017		8.32
d.	Total Suspended Solids,(mg/L)	IS 3025 (Part 17): 2017		53
e.	Total Dissolved Solids (mg/L)	IS 3025 (Part 16) : 2017	-	540
f.	Chemical Oxygen Demand(mg/L)	IS 3025 (Part 58) : 2017		140
g.	Bio-chemical Oxygen Demand, mg/L (3 days at 27°C)	IS 3025 (Part 44) : 2019		40
h.	Oil & Grease(mg/L)	IS 3025 (Part 39) : 2021		<4.0

Saurabh
Saurabh Sharma
23-12-2022
Reviewer

PremKumar
23-12-2022
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. :E01-2212190606 Sample Reg. Date :19-12-2022 Report Date :23-12-2022 Report No. :ICE-2212231116 (1) NABL ULR No. :TC592622000017329F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

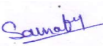
i.	Zinc(As Zn)(mg/L)	IS:3025 (Part-2): 2019	BLQ(LOQ:0.05)
j.	Arsenic(as As)(mg/L)	IS:3025 (Part-2): 2019	BLQ(LOQ:0.05)
k.	Total Chromium as Cr (mg/L)	IS:3025 (Part-2): 2019	BLQ(LOQ:0.05)
l.	Cyanide (as CN),(mg/L)	IS 3025 (Part 27): 2019	BLQ(LOQ:0.05)
m.	Iron(as Fe)(mg/L)	IS:3025 (Part-2): 2019	BLQ(LOQ:0.05)
n.	Temperature(°C)	IS 3025 (Part 9): 2017	24
o.	Free Residual Chlorine (mg/L)	IS: 3025 (P-26): 2021	BLQ(LOQ: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

REMARKS : N/A

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


Saurabh Sharma
23-12-2022
Reviewer


23-12-2022
PremKumar
[Authorized Signatory]

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Test Report

Document QF : 2501

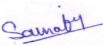
Page 1 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2212190608 Sample Reg. Date :19-12-2022 Report Date :05-01-2023 Report No. :ICE-2301050241 (1) NABL ULR No. :TC592623000000145F Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

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 #	8 Ltr
k)	Batch Size/Location #	NA
l)	Mode of Packing	Packed in bottles & in cans
m)	Date of Receipt	19-12-2022
n)	Date of Start	19-12-2022
o)	Date of Completion	05-01-2023
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample collected by lab rep. on 16.12.2022


Saurabh Sharma
05-01-2023
Reviewer


05-01-2023
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. :E01-2212190608 Sample Reg. Date :19-12-2022 Report Date :05-01-2023 Report No. :ICE-2301050241 (1) NABL ULR No. :TC592623000000145F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

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	Colouless
b.	Odour.	IS: 3025 (P-5)-2018	Not Specified	None
c.	pH Value	IS: 3025 (Part 11): 2017	5.5-9	7.14
d.	Total Suspended Solids,(mg/L)	IS 3025 (Part 17): 2017	Max. 100	5
e.	Total Dissolved Solids (mg/L)	IS 3025 (Part 16) : 2017	Not Specified	515
f.	Chemical Oxygen Demand(mg/L)	IS 3025 (Part 58) : 2017	Max. 250	8.1
g.	Bio-chemical Oxygen Demand, mg/L (3 days at 27°C)	IS 3025 (Part 44) : 2019	Max. 30	1.8
h.	Oil & Grease(mg/L)	IS 3025 (Part 39) : 2021	Max. 10	<4.0

Saurabh
Saurabh Sharma
05-01-2023
Reviewer

PremKumar
05-01-2023
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. :E01-2212190608 Sample Reg. Date :19-12-2022 Report Date :05-01-2023 Report No. :ICE-2301050241 (1) NABL ULR No. :TC592623000000145F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

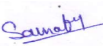
i.	Zinc(As Zn)(mg/L)	IS:3025 (Part-2): 2019	Max. 5.0	BLQ(LOQ:0.05)
j.	Arsenic(as As)(mg/L)	IS:3025 (Part-2): 2019	Max. 0.2	BLQ(LOQ:0.05)
k.	Total Chromium as Cr (mg/L)	IS:3025 (Part-2): 2019	Max. 2.0	BLQ(LOQ:0.05)
l.	Cyanide (as CN),(mg/L)	IS 3025 (Part 27): 2019	Max. 0.2	BLQ(LOQ:0.05)
m.	Iron(as Fe)(mg/L)	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)

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, Requirement as per EPA Act 1986/PCLS/2010. Sampling Procedure - SOP/ITC/EW/030

REMARKS : N/A

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


Saurabh Sharma
05-01-2023
Reviewer


05-01-2023
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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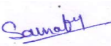
Page 1 of 3

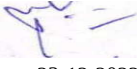
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2212190614 Sample Reg. Date :19-12-2022 Report Date :23-12-2022 Report No. :ICE-2212231137 NABL ULR No. :TC592622000017293F Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

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 #	3 Ltr
k)	Batch Size/Location #	NA
l)	Mode of Packing	Packed in bottles
m)	Date of Receipt	19-12-2022
n)	Date of Start	19-12-2022
o)	Date of Completion	23-12-2022
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample collected by lab rep. on 16.12.2022


Saurabh Sharma
23-12-2022
Reviewer


23-12-2022
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. :E01-2212190614 Sample Reg. Date :19-12-2022 Report Date :23-12-2022 Report No. :ICE-2212231137 NABL ULR No. :TC592622000017293F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

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		6.99
d.	Total Suspended Solids,(mg/L)	IS 3025 (Part 17): 2017		57
e.	Total Dissolved Solids (mg/L)	IS 3025 (Part 16) : 2017	-	453
f.	Chemical Oxygen Demand(mg/L)	IS 3025 (Part 58) : 2017		150
g.	Bio-chemical Oxygen Demand, mg/L (3 days at 27°C)	IS 3025 (Part 44) : 2019		55
h.	Oil & Grease(mg/L)	IS 3025 (Part 39) : 2021		4.2


 Saurabh Sharma
 23-12-2022
 Reviewer


 23-12-2022
 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. :E01-2212190614 Sample Reg. Date :19-12-2022 Report Date :23-12-2022 Report No. :ICE-2212231137 NABL ULR No. :TC592622000017293F Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

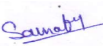
i.	Free Residual Chlorine (mg/L)	IS: 3025 (P-26): 2021		BLQ(LOQ:1.0)

'#' 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
 23-12-2022
 Reviewer


 23-12-2022
 PremKumar
 [Authorized Signatory]

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Test Report

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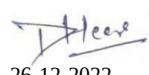
Page 1 of 3

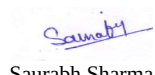
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2212190615 Sample Reg. Date :19-12-2022 Report Date :26-12-2022 Report No. :ICE-2212261238 (1) NABL ULR No. :TC592622000017428F Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

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	19-12-2022
n)	Date of Start	19-12-2022
o)	Date of Completion	26-12-2022
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample collected by lab rep. on 16.12.2022


 26-12-2022
Deepika Heera
 [Authorized Signatory]


 Saurabh Sharma
 26-12-2022
 Reviewer


 26-12-2022
PremKumar
 [Authorized Signatory]

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Test Report

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Page 2 of 3

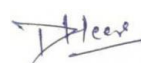
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2212190615 Sample Reg. Date :19-12-2022 Report Date :26-12-2022 Report No. :ICE-2212261238 (1) NABL ULR No. :TC592622000017428F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

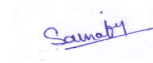
s)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
t)	Manufactured By [#]	NA
u)	Supplied By [#]	NA

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	-	91
c.	Magnesium as Mg(mg/L)	IS: 3025 Part 46): 2019	-	22
d.	Sodium(as Na)(mg/L)	IS 3025(Part 45): 2019	-	72.1
e.	Potassium as K,(mg/L)	APHA 23rd Edition-3500K B: 2017		16.5
Discipline : Biological				
Group : Pollution & Environment				


26-12-2022
Deepika Heera
[Authorized Signatory]


Saurabh Sharma
26-12-2022
Reviewer


26-12-2022
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 3 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2212190615 Sample Reg. Date :19-12-2022 Report Date :26-12-2022 Report No. :ICE-2212261238 (1) NABL ULR No. :TC592622000017428F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

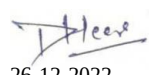
1.	Microbiological Tests			
a.	Faecal Coliforms, (MPN/100mL)	APHA-23 rd Edn 17-9221 F		1.1 x 10 ⁵
b.	<i>E.coli</i> , (MPN/100mL)	APHA-23 rd Edn 17-9221 F		6.9 x 10 ⁴
c.	Total Coliform (MPN/100ml)	APHA-23 rd Edn 17-9221 F		1.7 x 10 ⁵

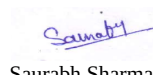
'*' represents categories/test parameters not covered under NABL '#' represents Customer Defined Fields

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*****


 26-12-2022
 Deepika Heera
 [Authorized Signatory]


 Saurabh Sharma
 26-12-2022
 Reviewer


 26-12-2022
 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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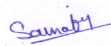
Page 1 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2212190616 Sample Reg. Date :19-12-2022 Report Date :23-12-2022 Report No. :ICE-2212231138 NABL ULR No. :TC592622000017328F Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

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 #	3 Ltr
k)	Batch Size/Location #	NA
l)	Mode of Packing	Packed in bottles
m)	Date of Receipt	19-12-2022
n)	Date of Start	19-12-2022
o)	Date of Completion	23-12-2022
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample collected by lab rep. on 16.12.2022


Saurabh Sharma
23-12-2022
Reviewer


23-12-2022
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. :E01-2212190616 Sample Reg. Date :19-12-2022 Report Date :23-12-2022 Report No. :ICE-2212231138 NABL ULR No. :TC592622000017328F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

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	7.20
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	440
f.	Chemical Oxygen Demand(mg/L)	IS 3025 (Part 58) : 2017	Not Specified	4.0
g.	Bio-chemical Oxygen Demand, mg/L (3 days at 27°C)	IS 3025 (Part 44) : 2019	Max. 30	1.2
h.	Oil & Grease(mg/L)	IS 3025 (Part 39) : 2021	Max. 10	<4.0

Saurabh Sharma
23-12-2022
Reviewer

23-12-2022
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. :E01-2212190616 Sample Reg. Date :19-12-2022 Report Date :23-12-2022 Report No. :ICE-2212231138 NABL ULR No. :TC592622000017328F Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

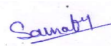
i.	Free Residual Chlorine (mg/L)	IS: 3025 (Part 26)-2021	Max. 1.0	BLQ(LOQ:1.0)

'#' 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
 23-12-2022
 Reviewer


 23-12-2022
 PremKumar
 [Authorized Signatory]

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Test Report

Document QF : 2501

Page 1 of 3

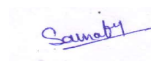
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2212190617 Sample Reg. Date :19-12-2022 Report Date :26-12-2022 Report No. :ICE-2212261239 (1) NABL ULR No. :TC592622000017457F Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

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	19-12-2022
n)	Date of Start	19-12-2022
o)	Date of Completion	26-12-2022
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample collected by lab rep. on 16.12.2022


26-12-2022
Deepika Heera
[Authorized Signatory]


Saurabh Sharma
26-12-2022
Reviewer


26-12-2022
PremKumar
[Authorized Signatory]

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Test Report

Document QF : 2501

Page 2 of 3

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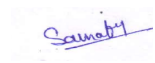
s)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
t)	Manufactured By [#]	NA
u)	Supplied By [#]	NA

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 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	80
c.	Magnesium as Mg(mg/L)	IS: 3025 Part 46): 2019	Not Specified	27
d.	Sodium(as Na)(mg/L)	IS 3025(Part 45): 2019	Not Specified	60.7
e.	Potassium as K,(mg/L)	APHA 23rd Edition-3500K B: 2017	Not Specified	10.8
Discipline : Biological				
Group : Pollution & Environment				


26-12-2022
Deepika Heera
[Authorized Signatory]


Saurabh Sharma
26-12-2022
Reviewer


26-12-2022
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. :E01-2212190617 Sample Reg. Date :19-12-2022 Report Date :26-12-2022 Report No. :ICE-2212261239 (1) NABL ULR No. :TC592622000017457F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

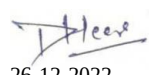
1.	Microbiological Tests			
a.	Faecal Coliform, MPN/100ml	APHA-23 rd Edn 17-9221 F	Max. 1000	430
b.	E.coli, (MPN/100mL)	APHA 23rd Edn 17-9221 E	Not Specified	220
c.	Total Coliform (MPN/100ml)	APHA-23 rd Edn 17-9221 F	Not Specified	540

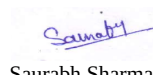
'*' represents categories/test parameters not covered under NABL '#' represents Customer Defined Fields

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

REMARKS :N/A

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


 26-12-2022
 Deepika Heera
 [Authorized Signatory]


 Saurabh Sharma
 26-12-2022
 Reviewer


 26-12-2022
 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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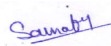
Page 1 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2212190610 Sample Reg. Date :19-12-2022 Report Date :23-12-2022 Report No. :ICE-2212231135 NABL ULR No. :TC592622000017325F Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

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 #	3 Ltr
k)	Batch Size/Location #	NA
l)	Mode of Packing	Packed in bottles
m)	Date of Receipt	19-12-2022
n)	Date of Start	19-12-2022
o)	Date of Completion	23-12-2022
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample collected by lab rep. on 16.12.2022


Saurabh Sharma
23-12-2022
Reviewer


23-12-2022
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. :E01-2212190610 Sample Reg. Date :19-12-2022 Report Date :23-12-2022 Report No. :ICE-2212231135 NABL ULR No. :TC592622000017325F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

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 Yellowish
b.	Odour.	IS: 3025 (P-5)-2018		Mild
c.	pH Value	IS: 3025 (Part 11): 2017		7.25
d.	Total Suspended Solids,(mg/L)	IS 3025 (Part 17): 2017		90
e.	Total Dissolved Solids (mg/L)	IS 3025 (Part 16) : 2017	-	870
f.	Chemical Oxygen Demand(mg/L)	IS 3025 (Part 58) : 2017		200
g.	Bio-chemical Oxygen Demand, mg/L (3 days at 27°C)	IS 3025 (Part 44) : 2019		65
h.	Oil & Grease(mg/L)	IS 3025 (Part 39) : 2021		4.8

Saurabh Sharma
23-12-2022
Reviewer

23-12-2022
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

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2212190610 Sample Reg. Date :19-12-2022 Report Date :23-12-2022 Report No. :ICE-2212231135 NABL ULR No. :TC592622000017325F Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

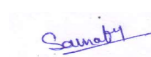
i.	Free Residual Chlorine (mg/L)	IS: 3025 (P-26): 2021		BLQ(LOQ:1.0)

'#' 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
 23-12-2022
 Reviewer


 23-12-2022
 PremKumar
 [Authorized Signatory]

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Test Report

Document QF : 2501

Page 1 of 3

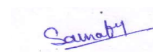
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2212190611 Sample Reg. Date :19-12-2022 Report Date :26-12-2022 Report No. :ICE-2212261236 (1) NABL ULR No. :TC592622000017458F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

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	19-12-2022
n)	Date of Start	19-12-2022
o)	Date of Completion	26-12-2022
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample collected by lab rep. on 16.12.2022


26-12-2022
Deepika Heera
[Authorized Signatory]


Saurabh Sharma
26-12-2022
Reviewer


26-12-2022
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. :E01-2212190611 Sample Reg. Date :19-12-2022 Report Date :26-12-2022 Report No. :ICE-2212261236 (1) NABL ULR No. :TC592622000017458F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

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	-	65
c.	Magnesium as Mg(mg/L)	IS: 3025 Part 46): 2019	-	13
d.	Sodium(as Na)(mg/L)	IS 3025(Part 45): 2019	-	20.1
e.	Potassium as K,(mg/L)	APHA 23rd Edition-3500K B: 2017		8.2
Discipline : Biological				
Group : Pollution & Environment				

26-12-2022
Deepika Heera
[Authorized Signatory]

26-12-2022
Saurabh Sharma
Reviewer

26-12-2022
PremKumar
[Authorized Signatory]

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Test Report

Document QF : 2501

Page 3 of 3

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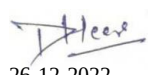
1.	Microbiological Tests			
a.	Faecal Coliforms, (MPN/100mL)	APHA-23 rd Edn 17-9221 F		1.4 x 10 ⁵
b.	E.coli, (MPN/100mL)	APHA-23 rd Edn 17-9221 F		9.3 x 10 ⁴
c.	Total Coliform (MPN/100ml)	APHA-23 rd Edn 17-9221 F		2.2 x 10 ⁵

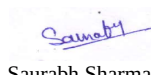
'*' represents categories/test parameters not covered under NABL '#' represents Customer Defined Fields

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*****


 26-12-2022
 Deepika Heera
 [Authorized Signatory]


 Saurabh Sharma
 26-12-2022
 Reviewer


 26-12-2022
 PremKumar
 [Authorized Signatory]

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

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Test Report

Document QF : 2501

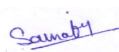
Page 1 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2212190612 Sample Reg. Date :19-12-2022 Report Date :23-12-2022 Report No. :ICE-2212231136 NABL ULR No. :TC592622000017292F Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

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 #	3 Ltr
k)	Batch Size/Location #	NA
l)	Mode of Packing	Packed in bottles
m)	Date of Receipt	19-12-2022
n)	Date of Start	19-12-2022
o)	Date of Completion	23-12-2022
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample collected by lab rep. on 16.12.2022


Saurabh Sharma
23-12-2022
Reviewer


23-12-2022
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. :E01-2212190612 Sample Reg. Date :19-12-2022 Report Date :23-12-2022 Report No. :ICE-2212231136 NABL ULR No. :TC592622000017292F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

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	7.20
d.	Total Suspended Solids,(mg/L)	IS 3025 (Part 17): 2017	Max. 100	4
e.	Total Dissolved Solids (mg/L)	IS 3025 (Part 16) : 2017	Not Specified	721
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	2.9
h.	Oil & Grease(mg/L)	IS 3025 (Part 39) : 2021	Max. 10	<4.0

Saurabh Sharma
23-12-2022
Reviewer

23-12-2022
PremKumar
[Authorized Signatory]

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Document QF : 2501

Page 3 of 3

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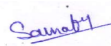
i.	Free Residual Chlorine (mg/L)	IS: 3025 (Part 26)-2021	Max. 1.0	BLQ(LOQ:1.0)

'#' 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
23-12-2022
Reviewer


23-12-2022
PremKumar
[Authorized Signatory]

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Test Report

Document QF : 2501

Page 1 of 3

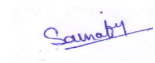
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2212190613 Sample Reg. Date :19-12-2022 Report Date :26-12-2022 Report No. :ICE-2212261237 (1) NABL ULR No. :TC592622000017456F Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

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	19-12-2022
n)	Date of Start	19-12-2022
o)	Date of Completion	26-12-2022
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample collected by lab rep. on 16.12.2022


26-12-2022
Deepika Heera
[Authorized Signatory]


Saurabh Sharma
26-12-2022
Reviewer


26-12-2022
PremKumar
[Authorized Signatory]

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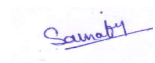
s)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
t)	Manufactured By [#]	NA
u)	Supplied By [#]	NA

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 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	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	81.2
e.	Potassium as K,(mg/L)	APHA 23rd Edition-3500K B: 2017	Not Specified	12.4
Discipline : Biological				
Group : Pollution & Environment				


26-12-2022
Deepika Heera
[Authorized Signatory]


Saurabh Sharma
26-12-2022
Reviewer


26-12-2022
PremKumar
[Authorized Signatory]

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Test Report

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Page 3 of 3

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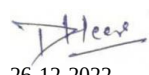
1.	Microbiological Tests			
a.	Faecal Coliform, MPN/100ml	APHA-23 rd Edn 17-9221 F	Max. 1000	809
b.	E.coli, (MPN/100mL)	APHA 23rd Edn 17-9221 E	Not Specified	350
c.	Total Coliform (MPN/100ml)	APHA-23 rd Edn 17-9221 F	Not Specified	938

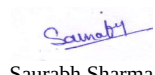
'*' represents categories/test parameters not covered under NABL '#' represents Customer Defined Fields

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

REMARKS :N/A

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


26-12-2022
Deepika Heera
[Authorized Signatory]


Saurabh Sharma
26-12-2022
Reviewer


26-12-2022
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

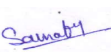
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Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2212281072 Sample Reg. Date :28-12-2022 Report Date :30-12-2022 Report No. :ICE-2212301431 NABL ULR No. :TC592622000017657F Customer Ref. No. :Order No.5030010814 Letter Dated :21-12-2022
Test Report as per :	: EPA Act 1986/PCLS/2010
Sampling Information :	
Name of Sample	: Ambient Noise
Date of Monitoring	: 23-12-2022
Time of Monitoring	: Day & Night
Nature of Industry	: Thermal Power Plant
Purpose of Monitoring	: For Self Monitoring


 Saurabh Sharma
 30-12-2022
 Reviewer


 30-12-2022
 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. :E01-2212281072 Sample Reg. Date :28-12-2022 Report Date :30-12-2022 Report No. :ICE-2212301431 NABL ULR No. :TC592622000017657F Customer Ref. No. :Order No.5030010814 Letter Dated :21-12-2022

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	55.8
b.	Near Gate No.1 (Night Time), Leq dB (A)	IS:9989(RA 2014)	Max. 70.0	48.6
c.	Near Gate No.2 (Day Time), Leq dB (A)	IS:9989(RA 2014)	Max. 75.0	52.6
d.	Near Gate No.2 (Night Time), Leq dB (A)	IS:9989(RA 2014)	Max. 70.0	48.4
e.	Near Gate No.3 (Day Time), Leq dB (A)	IS:9989(RA 2014)	Max. 75.0	56.5
f.	Near Gate No.3 (Night Time), Leq dB (A)	IS:9989(RA 2014)	Max. 70.0	49.9
g.	Near Guest House (Day Time), Leq dB (A)	IS:9989(RA 2014)	Max. 75.0	52.7
h.	Near Guest House (Night Time), Leq dB (A)	IS:9989(RA 2014)	Max. 70.0	47.5

'#' 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
30-12-2022
Reviewer


30-12-2022
PremKumar
[Authorized Signatory]

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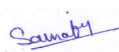
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2212260949 Sample Reg. Date :26-12-2022 Report Date :28-12-2022 Report No. :ICE-2212281352 NABL ULR No. :TC592622000017573F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

Test Report as per :	: EPA Act 1986/PCLS/2010,G.S.R 281(E),Dated- 07.03.2016
Sampling Information :	
Date of Monitoring	: 23-12-2022
Time of Monitoring	: 17:16 hrs
Purpose of Monitoring	: For Self Monitoring
Source of Noise Pollution Monitored	: DG Set -1 (1600 kVA)
Engine No.	: 16171
Make	: Mitsubishi
Date of mfg of DG Set	: Not Provide By Party
Date of Installation	: Not Provide By Party
Type approval No.	: Not Provide By Party
Pollution Control Device (if any)	: Acoustic 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
28-12-2022
Reviewer


28-12-2022
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. :E01-2212260949 Sample Reg. Date :26-12-2022 Report Date :28-12-2022 Report No. :ICE-2212281352 NABL ULR No. :TC592622000017573F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

Group : Atmospheric Pollution				
1. General Parameters				
a.	Open Door at 0.5 meter away from Acoustic Enclosure, dB (A)	CPCB Guidelines	--	97.6
b.	Closed Door at 0.5 meter away from Acoustic Enclosure, dB (A)	CPCB Guidelines	Max. 75.0	72.4
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
28-12-2022
Reviewer


28-12-2022
PremKumar
[Authorized Signatory]

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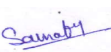
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2212260950 Sample Reg. Date :26-12-2022 Report Date :28-12-2022 Report No. :ICE-2212281338 NABL ULR No. :TC592622000017574F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

Test Report as per :	: EPA Act 1986/PCLS/2010,G.S.R 281(E),Dated- 07.03.2016
Sampling Information :	
Date of Monitoring	: 23-12-2022
Time of Monitoring	: 16:00 hrs
Purpose of Monitoring	: For Self Monitoring
Source of Noise Pollution Monitored	: DG Set-2 (1600 kVA)
Engine No.	: 16386
Make	: Mitsubishi
Date of mfg of DG Set	: Not Provide By Party
Date of Installation	: Not Provide By Party
Type approval No.	: Not Provide By Party
Pollution Control Device (if any)	: Acoustic 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-2 (1600 kVA) Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			


Saurabh Sharma
28-12-2022
Reviewer


28-12-2022
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. :E01-2212260950 Sample Reg. Date :26-12-2022 Report Date :28-12-2022 Report No. :ICE-2212281338 NABL ULR No. :TC592622000017574F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

Group : Atmospheric Pollution				
1. General Parameters				
a.	Open Door at 0.5 meter away from Acoustic Enclosure, dB (A)	CPCB Guidelines	--	99.8
b.	Closed Door at 0.5 meter away from Acoustic Enclosure, dB (A)	CPCB Guidelines	Max. 75.0	74.6
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
28-12-2022
Reviewer


28-12-2022
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	35.73 %	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 and blending of imported coal in small proportion. The entire domestic 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.

by



Our Ref : JPL/HSPCB/ENV/012839
Date : April 11, 2023

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 January 2023- **Annexure I**

Monitoring Reports of Air, Water & Noise of February 2023 - **Annexure II**

Monitoring Reports of Air, Water & Noise of March 2023 - **Annexure III**

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 and Whole Time Director

Enclosure: Annexure I, Annexure II, Annexure III

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

Registered Office:

Unit No. T-15 B, Salcon Ras Vilas, 3rd Floor,
Plot No. D-1, Saket District Centre, Saket,
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

W: www.clpgroup.com, www.apraava.com CIN No.: U40104DL2008SGC374107

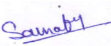
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2301130421 Sample Reg. Date :13-01-2023 Report Date :19-01-2023 Report No. :ICE-2301190816 NABL ULR No. :TC592623000000725F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Gate No.3
Date of Monitoring	: 02-01-2023
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	: 1971.44
Avg. Ambient Temperature,°C	: 11

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	8.34
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS: 5182 (P-6): 2017	80 Max	17.33
c.	Particulate Matter (PM ₁₀),µg/m ³	IS: 5182 (P-23): 2017	100 Max	124.33
d.	Particulate matter (PM _{2.5}),µg/m ³	IS: 5182 (P-24)-2019	60 Max	60.61
e.	Ammonia(NH ₃),µg/m ³	IS: 5182 (P-25): 2018	400 Max	32.62
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


Saurabh Sharma
19-01-2023
Reviewer


19-01-2023
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. :E01-2301130421 Sample Reg. Date :13-01-2023 Report Date :19-01-2023 Report No. :ICE-2301190816 NABL ULR No. :TC592623000000725F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	27.38
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
19-01-2023
Reviewer


19-01-2023
PremKumar
[Authorized Signatory]

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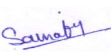
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. : E01-2301130420 Sample Reg. Date : 13-01-2023 Report Date : 19-01-2023 Report No. : ICE-2301190815 NABL ULR No. : TC592623000000724F Customer Ref. No. : Order No.5030010814 Letter Dated : 21.11.2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Block C-3
Date of Monitoring	: 02-01-2023
Time of Monitoring	: 12:00 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	: 1921.71
Avg. Ambient Temperature, °C	: 14

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	6.32
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS: 5182 (P-6): 2017	80 Max	18.22
c.	Particulate Matter (PM ₁₀), µg/m ³	IS: 5182 (P-23): 2017	100 Max	122.23
d.	Particulate matter (PM _{2.5}), µg/m ³	IS: 5182 (P-24)-2019	60 Max	64.39
e.	Ammonia(NH ₃), µg/m ³	IS: 5182 (P-25): 2018	400 Max	36.52
f.	Lead(As Pb), µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


Saurabh Sharma
19-01-2023
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19-01-2023
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. :E01-2301130420 Sample Reg. Date :13-01-2023 Report Date :19-01-2023 Report No. :ICE-2301190815 NABL ULR No. :TC592623000000724F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	28.21
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
19-01-2023
Reviewer


19-01-2023
PremKumar
[Authorized Signatory]

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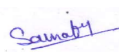
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2301130422 Sample Reg. Date :13-01-2023 Report Date :19-01-2023 Report No. :ICE-2301190817 NABL ULR No. :TC592623000000719F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Village-Khanpur
Date of Monitoring	: 02-01-2023
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	: 1927.30
Avg. Ambient Temperature,°C	: 11

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	8.66
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS: 5182 (P-6): 2017	80 Max	16.12
c.	Particulate Matter (PM ₁₀),µg/m ³	IS: 5182 (P-23): 2017	100 Max	118.61
d.	Particulate matter (PM _{2.5}),µg/m ³	IS: 5182 (P-24)-2019	60 Max	58.08
e.	Ammonia(NH ₃),µg/m ³	IS: 5182 (P-25): 2018	400 Max	30.20
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


Saurabh Sharma
19-01-2023
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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. :E01-2301130422 Sample Reg. Date :13-01-2023 Report Date :19-01-2023 Report No. :ICE-2301190817 NABL ULR No. :TC592623000000719F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	24.43
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
19-01-2023
Reviewer


19-01-2023
PremKumar
[Authorized Signatory]

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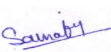
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2301130423 Sample Reg. Date :13-01-2023 Report Date :19-01-2023 Report No. :ICE-2301190818 NABL ULR No. :TC592623000000728F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Shakti Vihar
Date of Monitoring	: 02-01-2023
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	: 1949.86
Avg. Ambient Temperature,°C	: 12

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	7.19
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS: 5182 (P-6): 2017	80 Max	15.22
c.	Particulate Matter (PM ₁₀),µg/m ³	IS: 5182 (P-23): 2017	100 Max	108.21
d.	Particulate matter (PM _{2.5}),µg/m ³	IS: 5182 (P-24)-2019	60 Max	58.50
e.	Ammonia(NH ₃),µg/m ³	IS: 5182 (P-25): 2018	400 Max	32.33
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


Saurabh Sharma
19-01-2023
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19-01-2023
PremKumar
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2301130423 Sample Reg. Date :13-01-2023 Report Date :19-01-2023 Report No. :ICE-2301190818 NABL ULR No. :TC592623000000728F Customer Ref. No. :Order No.5030010814 Letter Dated :21.112.2022

2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	26.57
b.	Carbon Monoxide(CO),mg/m ³	IS: 5182 (P-10): 2019	2 Max.	BLQ(LOQ:1.14)
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
19-01-2023
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PremKumar
[Authorized Signatory]

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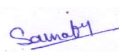
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Test Report

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Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Gate No.3
Date of Monitoring	: 05-01-2023
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	: 1796.95
Avg. Ambient Temperature,°C	: 13

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	10.30
b.	Nitrogen Dioxide(NO2),µg/m ³	IS: 5182 (P-6): 2017	80 Max	18.26
c.	Particulate Matter (PM10),µg/m3	IS: 5182 (P-23): 2017	100 Max	128.50
d.	Particulate matter (PM 2.5),µg/m3	IS: 5182 (P-24)-2019	60 Max	64.39
e.	Ammonia(NH3),µg/m ³	IS: 5182 (P-25): 2018	400 Max	34.57
f.	Lead(As Pb),µg/m3	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


Saurabh Sharma
19-01-2023
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2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	28.62
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)

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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*****


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19-01-2023
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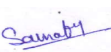
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2301130424 Sample Reg. Date :13-01-2023 Report Date :19-01-2023 Report No. :ICE-2301190820 NABL ULR No. :TC592623000000729F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Block C-6
Date of Monitoring	: 05-01-2023
Time of Monitoring	: 12:00 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.32
Volume of air sampled,m3	: 1925.83
Avg. Ambient Temperature,°C	: 13

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	11.56
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS: 5182 (P-6): 2017	80 Max	21.08
c.	Particulate Matter (PM ₁₀),µg/m ³	IS: 5182 (P-23): 2017	100 Max	120.10
d.	Particulate matter (PM _{2.5}),µg/m ³	IS: 5182 (P-24)-2019	60 Max	57.24
e.	Ammonia(NH ₃),µg/m ³	IS: 5182 (P-25): 2018	400 Max	30.56
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


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19-01-2023
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2301130424 Sample Reg. Date :13-01-2023 Report Date :19-01-2023 Report No. :ICE-2301190820 NABL ULR No. :TC592623000000729F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	26.37
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
19-01-2023
Reviewer


19-01-2023
PremKumar
[Authorized Signatory]

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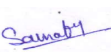
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2301130426 Sample Reg. Date :13-01-2023 Report Date :19-01-2023 Report No. :ICE-2301190821 NABL ULR No. :TC592623000000721F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Village-Khanpur
Date of Monitoring	: 05-01-2023
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	: 1928.43
Avg. Ambient Temperature,°C	: 13

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	10.83
b.	Nitrogen Dioxide(NO2),µg/m ³	IS: 5182 (P-6): 2017	80 Max	17.20
c.	Particulate Matter (PM10),µg/m3	IS: 5182 (P-23): 2017	100 Max	118.18
d.	Particulate matter (PM 2.5),µg/m3	IS: 5182 (P-24)-2019	60 Max	63.13
e.	Ammonia(NH3),µg/m ³	IS: 5182 (P-25): 2018	400 Max	32.24
f.	Lead(As Pb),µg/m3	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


Saurabh Sharma
19-01-2023
Reviewer


19-01-2023
PremKumar
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2301130426 Sample Reg. Date :13-01-2023 Report Date :19-01-2023 Report No. :ICE-2301190821 NABL ULR No. :TC592623000000721F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	23.11
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
19-01-2023
Reviewer


19-01-2023
PremKumar
[Authorized Signatory]

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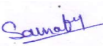
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2301130427 Sample Reg. Date :13-01-2023 Report Date :19-01-2023 Report No. :ICE-2301190823 NABL ULR No. :TC592623000000723F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Shakti Vihar
Date of Monitoring	: 05-01-2023
Time of Monitoring	: 12:30 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.34
Volume of air sampled,m3	: 1955.01
Avg. Ambient Temperature,°C	: 13

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	9.20
b.	Nitrogen Dioxide(NO2),µg/m ³	IS: 5182 (P-6): 2017	80 Max	14.48
c.	Particulate Matter (PM10),µg/m3	IS: 5182 (P-23): 2017	100 Max	114.22
d.	Particulate matter (PM 2.5),µg/m3	IS: 5182 (P-24)-2019	60 Max	61.03
e.	Ammonia(NH3),µg/m ³	IS: 5182 (P-25): 2018	400 Max	34.21
f.	Lead(As Pb),µg/m3	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


 Saurabh Sharma
 19-01-2023
 Reviewer


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 PremKumar
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2301130427 Sample Reg. Date :13-01-2023 Report Date :19-01-2023 Report No. :ICE-2301190823 NABL ULR No. :TC592623000000723F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	27.57
b.	Carbon Monoxide(CO),mg/m ³	IS: 5182 (P-10): 2019	2 Max.	BLQ(LOQ:1.14)
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
19-01-2023
Reviewer


19-01-2023
PremKumar
[Authorized Signatory]

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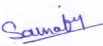
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2301170724 Sample Reg. Date :17-01-2023 Report Date :20-01-2023 Report No. :ICE-2301200982 NABL ULR No. :TC592623000000759F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Gate No.3
Date of Monitoring	: 09-01-2023
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	: 1942.01
Avg. Ambient Temperature,°C	: 11

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	6.51
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS: 5182 (P-6): 2017	80 Max	13.25
c.	Particulate Matter (PM ₁₀),µg/m ³	IS: 5182 (P-23): 2017	100 Max	128.37
d.	Particulate matter (PM _{2.5}),µg/m ³	IS: 5182 (P-24)-2019	60 Max	68.18
e.	Ammonia(NH ₃),µg/m ³	IS: 5182 (P-25): 2018	400 Max	32.72
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


Saurabh Sharma
20-01-2023
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2301170724 Sample Reg. Date :17-01-2023 Report Date :20-01-2023 Report No. :ICE-2301200982 NABL ULR No. :TC592623000000759F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	27.59
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)

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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
20-01-2023
Reviewer


20-01-2023
PremKumar
[Authorized Signatory]

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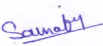
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2301170723 Sample Reg. Date :17-01-2023 Report Date :20-01-2023 Report No. :ICE-2301200981 NABL ULR No. :TC592623000000757F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Block C-3
Date of Monitoring	: 09-01-2023
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	: 1940.42
Avg. Ambient Temperature,°C	: 13

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	8.54
b.	Nitrogen Dioxide(NO2),µg/m ³	IS: 5182 (P-6): 2017	80 Max	14.12
c.	Particulate Matter (PM10),µg/m3	IS: 5182 (P-23): 2017	100 Max	124.72
d.	Particulate matter (PM 2.5),µg/m3	IS: 5182 (P-24)-2019	60 Max	65.24
e.	Ammonia(NH3),µg/m ³	IS: 5182 (P-25): 2018	400 Max	32.28
f.	Lead(As Pb),µg/m3	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


 Saurabh Sharma
 20-01-2023
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 20-01-2023
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2301170723 Sample Reg. Date :17-01-2023 Report Date :20-01-2023 Report No. :ICE-2301200981 NABL ULR No. :TC592623000000757F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

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)

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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*****


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20-01-2023
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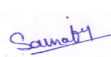
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2301170725 Sample Reg. Date :17-01-2023 Report Date :20-01-2023 Report No. :ICE-2301200984 NABL ULR No. :TC592623000000761F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Village- Khanpur
Date of Monitoring	: 09-01-2023
Time of Monitoring	: 11:00 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.31
Volume of air sampled,m3	: 1927.30
Avg. Ambient Temperature,°C	: 11

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	12.18
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS: 5182 (P-6): 2017	80 Max	17.08
c.	Particulate Matter (PM ₁₀),µg/m ³	IS: 5182 (P-23): 2017	100 Max	120.12
d.	Particulate matter (PM _{2.5}),µg/m ³	IS: 5182 (P-24)-2019	60 Max	63.55
e.	Ammonia(NH ₃),µg/m ³	IS: 5182 (P-25): 2018	400 Max	28.59
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


Saurabh Sharma
20-01-2023
Reviewer


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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2301170725 Sample Reg. Date :17-01-2023 Report Date :20-01-2023 Report No. :ICE-2301200984 NABL ULR No. :TC592623000000761F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	22.09
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)

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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*****


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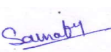
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2301170726 Sample Reg. Date :17-01-2023 Report Date :20-01-2023 Report No. :ICE-2301200985 NABL ULR No. :TC592623000000762F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Shakti Vihar
Date of Monitoring	: 09-01-2023
Time of Monitoring	: 12:50 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.34
Volume of air sampled,m3	: 1950.83
Avg. Ambient Temperature,°C	: 14

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	7.31
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS: 5182 (P-6): 2017	80 Max	15.22
c.	Particulate Matter (PM ₁₀),µg/m ³	IS: 5182 (P-23): 2017	100 Max	118.21
d.	Particulate matter (PM _{2.5}),µg/m ³	IS: 5182 (P-24)-2019	60 Max	68.60
e.	Ammonia(NH ₃),µg/m ³	IS: 5182 (P-25): 2018	400 Max	27.16
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


Saurabh Sharma
20-01-2023
Reviewer


20-01-2023
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
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2301170726 Sample Reg. Date :17-01-2023 Report Date :20-01-2023 Report No. :ICE-2301200985 NABL ULR No. :TC592623000000762F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	23.16
b.	Carbon Monoxide(CO),mg/m ³	IS: 5182 (P-10): 2019	2 Max.	BLQ(LOQ:1.14)
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
20-01-2023
Reviewer


20-01-2023
PremKumar
[Authorized Signatory]

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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2301170728
	Sample Reg. Date :17-01-2023
	Report Date :20-01-2023
	Report No. :ICE-2301200986
	NABL ULR No. :TC592623000000763F
	Customer Ref. No. :Order No.5030010814
	Letter Dated :21.11.2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Gate No.3
Date of Monitoring	: 12-01-2023
Time of Monitoring	: 11:00 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.29
Volume of air sampled,m3	: 1897.88
Avg. Ambient Temperature,°C	: 11

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	10.36
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS: 5182 (P-6): 2017	80 Max	19.34
c.	Particulate Matter (PM ₁₀),µg/m ³	IS: 5182 (P-23): 2017	100 Max	132.57
d.	Particulate matter (PM _{2.5}),µg/m ³	IS: 5182 (P-24)-2019	60 Max	66.92
e.	Ammonia(NH ₃),µg/m ³	IS: 5182 (P-25): 2018	400 Max	36.34
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)

Saurabh Sharma
Saurabh Sharma
20-01-2023
Reviewer

PremKumar
20-01-2023
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. :E01-2301170728 Sample Reg. Date :17-01-2023 Report Date :20-01-2023 Report No. :ICE-2301200986 NABL ULR No. :TC592623000000763F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	30.18
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
20-01-2023
Reviewer


20-01-2023
PremKumar
[Authorized Signatory]

Disclaimer :

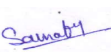
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2301170727 Sample Reg. Date :17-01-2023 Report Date :20-01-2023 Report No. :ICE-2301200983 NABL ULR No. :TC592623000000739F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Block C-6
Date of Monitoring	: 12-01-2023
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	: 1932.59
Avg. Ambient Temperature,°C	: 12

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	8.12
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS: 5182 (P-6): 2017	80 Max	17.31
c.	Particulate Matter (PM ₁₀),µg/m ³	IS: 5182 (P-23): 2017	100 Max	112.03
d.	Particulate matter (PM _{2.5}),µg/m ³	IS: 5182 (P-24)-2019	60 Max	54.29
e.	Ammonia(NH ₃),µg/m ³	IS: 5182 (P-25): 2018	400 Max	30.15
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


Saurabh Sharma
20-01-2023
Reviewer


20-01-2023
PremKumar
[Authorized Signatory]

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2301170727 Sample Reg. Date :17-01-2023 Report Date :20-01-2023 Report No. :ICE-2301200983 NABL ULR No. :TC592623000000739F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	24.15
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
20-01-2023
Reviewer


20-01-2023
PremKumar
[Authorized Signatory]

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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2301170729 Sample Reg. Date :17-01-2023 Report Date :20-01-2023 Report No. :ICE-2301200948 NABL ULR No. :TC592623000001365F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2023

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Village-Khanpur
Date of Monitoring	: 12-01-2023
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	: 1939.39
Avg. Ambient Temperature,°C	: 11

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	9.13
b.	Nitrogen Dioxide(NO2),µg/m ³	IS: 5182 (P-6): 2017	80 Max	14.53
c.	Particulate Matter (PM10),µg/m3	IS: 5182 (P-23): 2017	100 Max	117.25
d.	Particulate matter (PM 2.5),µg/m3	IS: 5182 (P-24)-2019	60 Max	56.40
e.	Ammonia(NH3),µg/m ³	IS: 5182 (P-25): 2018	400 Max	34.58
f.	Lead(As Pb),µg/m3	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)

Saurabh Sharma
Saurabh Sharma
20-01-2023
Reviewer

PremKumar
20-01-2023
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. :E01-2301170729 Sample Reg. Date :17-01-2023 Report Date :20-01-2023 Report No. :ICE-2301200948 NABL ULR No. :TC592623000001365F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2023

2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	27.20
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
20-01-2023
Reviewer


20-01-2023
PremKumar
[Authorized Signatory]

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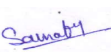
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2301170730 Sample Reg. Date :17-01-2023 Report Date :20-01-2023 Report No. :ICE-2301200949 NABL ULR No. :TC592623000000765F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Shakti Vihar
Date of Monitoring	: 12-01-2023
Time of Monitoring	: 12:20 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	: 1957.65
Avg. Ambient Temperature,°C	: 13

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	8.53
b.	Nitrogen Dioxide(NO2),µg/m ³	IS: 5182 (P-6): 2017	80 Max	14.20
c.	Particulate Matter (PM10),µg/m3	IS: 5182 (P-23): 2017	100 Max	108.24
d.	Particulate matter (PM 2.5),µg/m3	IS: 5182 (P-24)-2019	60 Max	52.19
e.	Ammonia(NH3),µg/m ³	IS: 5182 (P-25): 2018	400 Max	28.59
f.	Lead(As Pb),µg/m3	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


 Saurabh Sharma
 20-01-2023
 Reviewer


 20-01-2023
 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. :E01-2301170730 Sample Reg. Date :17-01-2023 Report Date :20-01-2023 Report No. :ICE-2301200949 NABL ULR No. :TC592623000000765F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	23.44
b.	Carbon Monoxide(CO),mg/m ³	IS: 5182 (P-10): 2019	2 Max.	BLQ(LOQ:1.14)
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
20-01-2023
Reviewer


20-01-2023
PremKumar
[Authorized Signatory]

Disclaimer :

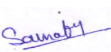
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2301240943 Sample Reg. Date :24-01-2023 Report Date :07-02-2023 Report No. :ICE-2302070108 NABL ULR No. :TC592623000001430F Customer Ref. No. :Order No.5030010814 Letter Dated :21-11-2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Gate No.3
Date of Monitoring	: 16-01-2023
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	: 1946.24
Avg. Ambient Temperature,°C	: 10

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	8.39
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS: 5182 (P-6): 2017	80 Max	18.19
c.	Particulate Matter (PM ₁₀),µg/m ³	IS: 5182 (P-23): 2017	100 Max	102.30
d.	Particulate matter (PM _{2.5}),µg/m ³	IS: 5182 (P-24)-2019	60 Max	55.98
e.	Ammonia(NH ₃),µg/m ³	IS: 5182 (P-25): 2018	400 Max	30.24
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


 Saurabh Sharma
 07-02-2023
 Reviewer


 07-02-2023
 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. :E01-2301240943 Sample Reg. Date :24-01-2023 Report Date :07-02-2023 Report No. :ICE-2302070108 NABL ULR No. :TC592623000001430F Customer Ref. No. :Order No.5030010814 Letter Dated :21-11-2022

2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	25.13
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
07-02-2023
Reviewer


07-02-2023
PremKumar
[Authorized Signatory]

Disclaimer :

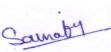
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2301240942 Sample Reg. Date :24-01-2023 Report Date :07-02-2023 Report No. :ICE-2302070107 NABL ULR No. :TC592623000001451F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Block C-3
Date of Monitoring	: 16-01-2023
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	: 1942.01
Avg. Ambient Temperature,°C	: 11

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	6.12
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS: 5182 (P-6): 2017	80 Max	17.43
c.	Particulate Matter (PM ₁₀),µg/m ³	IS: 5182 (P-23): 2017	100 Max	94.54
d.	Particulate matter (PM _{2.5}),µg/m ³	IS: 5182 (P-24)-2019	60 Max	54.29
e.	Ammonia(NH ₃),µg/m ³	IS: 5182 (P-25): 2018	400 Max	32.41
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


Saurabh Sharma
07-02-2023
Reviewer


07-02-2023
PremKumar
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Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2301240942 Sample Reg. Date :24-01-2023 Report Date :07-02-2023 Report No. :ICE-2302070107 NABL ULR No. :TC592623000001451F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	28.13
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
07-02-2023
Reviewer


07-02-2023
PremKumar
[Authorized Signatory]

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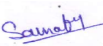
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2301240944 Sample Reg. Date :24-01-2023 Report Date :07-02-2023 Report No. :ICE-2302070118 NABL ULR No. :TC592623000001453F Customer Ref. No. :Order No.5030010814 Letter Dated :21-11-2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Village-Khanpur
Date of Monitoring	: 16-01-2023
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	: 1978.41
Avg. Ambient Temperature,°C	: 10

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	10.19
b.	Nitrogen Dioxide(NO2),µg/m ³	IS: 5182 (P-6): 2017	80 Max	16.51
c.	Particulate Matter (PM10),µg/m3	IS: 5182 (P-23): 2017	100 Max	104.02
d.	Particulate matter (PM 2.5),µg/m3	IS: 5182 (P-24)-2019	60 Max	52.19
e.	Ammonia(NH3),µg/m ³	IS: 5182 (P-25): 2018	400 Max	28.69
f.	Lead(As Pb),µg/m3	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


 Saurabh Sharma
 07-02-2023
 Reviewer


 07-02-2023
 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. :E01-2301240944 Sample Reg. Date :24-01-2023 Report Date :07-02-2023 Report No. :ICE-2302070118 NABL ULR No. :TC592623000001453F Customer Ref. No. :Order No.5030010814 Letter Dated :21-11-2022

2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	23.09
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
07-02-2023
Reviewer


07-02-2023
PremKumar
[Authorized Signatory]

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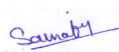
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2301240945 Sample Reg. Date :24-01-2023 Report Date :07-02-2023 Report No. :ICE-2302070109 NABL ULR No. :TC592623000001439F Customer Ref. No. :Order No.5030010814 Letter Dated :21-11-2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Shakti Vihar
Date of Monitoring	: 16-01-2023
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	: 1964.52
Avg. Ambient Temperature,°C	: 12

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	9.28
b.	Nitrogen Dioxide(NO2),µg/m ³	IS: 5182 (P-6): 2017	80 Max	15.42
c.	Particulate Matter (PM10),µg/m3	IS: 5182 (P-23): 2017	100 Max	96.51
d.	Particulate matter (PM 2.5),µg/m3	IS: 5182 (P-24)-2019	60 Max	54.71
e.	Ammonia(NH3),µg/m ³	IS: 5182 (P-25): 2018	400 Max	28.19
f.	Lead(As Pb),µg/m3	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


Saurabh Sharma
07-02-2023
Reviewer


07-02-2023
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. :E01-2301240945 Sample Reg. Date :24-01-2023 Report Date :07-02-2023 Report No. :ICE-2302070109 NABL ULR No. :TC592623000001439F Customer Ref. No. :Order No.5030010814 Letter Dated :21-11-2022

2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	24.12
b.	Carbon Monoxide(CO),mg/m ³	IS: 5182 (P-10): 2019	2 Max.	BLQ(LOQ:1.14)
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
07-02-2023
Reviewer


07-02-2023
PremKumar
[Authorized Signatory]

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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2301240948 Sample Reg. Date :24-01-2023 Report Date :07-02-2023 Report No. :ICE-2302070120 NABL ULR No. :TC592623000001449F Customer Ref. No. :Order No.5030010814 Letter Dated :21-11-2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Gate No.3
Date of Monitoring	: 19-01-2023
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	: 1948.88
Avg. Ambient Temperature,°C	: 10

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	12.33
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS: 5182 (P-6): 2017	80 Max	21.03
c.	Particulate Matter (PM ₁₀),µg/m ³	IS: 5182 (P-23): 2017	100 Max	104.21
d.	Particulate matter (PM _{2.5}),µg/m ³	IS: 5182 (P-24)-2019	60 Max	58.50
e.	Ammonia(NH ₃),µg/m ³	IS: 5182 (P-25): 2018	400 Max	22.15
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)

Saurabh Sharma
Saurabh Sharma
07-02-2023
Reviewer

PremKumar
07-02-2023
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. :E01-2301240948 Sample Reg. Date :24-01-2023 Report Date :07-02-2023 Report No. :ICE-2302070120 NABL ULR No. :TC592623000001449F Customer Ref. No. :Order No.5030010814 Letter Dated :21-11-2022

2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	30.39
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
07-02-2023
Reviewer


07-02-2023
PremKumar
[Authorized Signatory]

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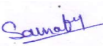
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2301240947 Sample Reg. Date :24-01-2023 Report Date :07-02-2023 Report No. :ICE-2302070119 NABL ULR No. :TC592623000001433F Customer Ref. No. :Order No.5030010814 Letter Dated :21-11-2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Block C-6
Date of Monitoring	: 19-01-2023
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	: 1956.73
Avg. Ambient Temperature,°C	: 11

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	8.53
b.	Nitrogen Dioxide(NO2),µg/m ³	IS: 5182 (P-6): 2017	80 Max	13.35
c.	Particulate Matter (PM10),µg/m3	IS: 5182 (P-23): 2017	100 Max	94.55
d.	Particulate matter (PM 2.5),µg/m3	IS: 5182 (P-24)-2019	60 Max	52.19
e.	Ammonia(NH3),µg/m ³	IS: 5182 (P-25): 2018	400 Max	33.62
f.	Lead(As Pb),µg/m3	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


 Saurabh Sharma
 07-02-2023
 Reviewer


 07-02-2023
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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. :E01-2301240947 Sample Reg. Date :24-01-2023 Report Date :07-02-2023 Report No. :ICE-2302070119 NABL ULR No. :TC592623000001433F Customer Ref. No. :Order No.5030010814 Letter Dated :21-11-2022

2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	27.59
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)

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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
07-02-2023
Reviewer


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PremKumar
[Authorized Signatory]

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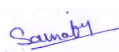
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2301240949 Sample Reg. Date :24-01-2023 Report Date :07-02-2023 Report No. :ICE-2302070121 NABL ULR No. :TC592623000001431F Customer Ref. No. :Order No.5030010814 Letter Dated :21-11-2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Village-Khanpur
Date of Monitoring	: 19-01-2023
Time of Monitoring	: 10:40 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.32
Volume of air sampled,m3	: 1942.01
Avg. Ambient Temperature,°C	: 11

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	13.68
b.	Nitrogen Dioxide(NO2),µg/m ³	IS: 5182 (P-6): 2017	80 Max	17.23
c.	Particulate Matter (PM10),µg/m3	IS: 5182 (P-23): 2017	100 Max	105.61
d.	Particulate matter (PM 2.5),µg/m3	IS: 5182 (P-24)-2019	60 Max	56.40
e.	Ammonia(NH3),µg/m ³	IS: 5182 (P-25): 2018	400 Max	36.54
f.	Lead(As Pb),µg/m3	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


Saurabh Sharma
07-02-2023
Reviewer


07-02-2023
PremKumar
[Authorized Signatory]

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2301240949 Sample Reg. Date :24-01-2023 Report Date :07-02-2023 Report No. :ICE-2302070121 NABL ULR No. :TC592623000001431F Customer Ref. No. :Order No.5030010814 Letter Dated :21-11-2022

2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	27.30
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
07-02-2023
Reviewer


07-02-2023
PremKumar
[Authorized Signatory]

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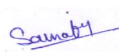
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Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2301240950 Sample Reg. Date :24-01-2023 Report Date :07-02-2023 Report No. :ICE-2302070110 NABL ULR No. :TC592623000001434F Customer Ref. No. :Order No.5030010814 Letter Dated :21-11-2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Shakti Vihar
Date of Monitoring	: 19-01-2023
Time of Monitoring	: 12:00 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.32
Volume of air sampled,m3	: 1942.01
Avg. Ambient Temperature,°C	: 11

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	13.49
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS: 5182 (P-6): 2017	80 Max	17.68
c.	Particulate Matter (PM ₁₀),µg/m ³	IS: 5182 (P-23): 2017	100 Max	93.51
d.	Particulate matter (PM _{2.5}),µg/m ³	IS: 5182 (P-24)-2019	60 Max	57.24
e.	Ammonia(NH ₃),µg/m ³	IS: 5182 (P-25): 2018	400 Max	30.20
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


Saurabh Sharma
07-02-2023
Reviewer


07-02-2023
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. :E01-2301240950 Sample Reg. Date :24-01-2023 Report Date :07-02-2023 Report No. :ICE-2302070110 NABL ULR No. :TC592623000001434F Customer Ref. No. :Order No.5030010814 Letter Dated :21-11-2022

2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	24.10
b.	Carbon Monoxide(CO),mg/m ³	IS: 5182 (P-10): 2019	2 Max.	BLQ(LOQ:1.14)
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
07-02-2023
Reviewer


07-02-2023
PremKumar
[Authorized Signatory]

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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2301291089 Sample Reg. Date :29-01-2023 Report Date :06-02-2023 Report No. :ICE-2302060095 NABL ULR No. :TC592623000001464F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Gate No.3
Date of Monitoring	: 23-01-2023
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	: 1939.39
Avg. Ambient Temperature,°C	: 11

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	8.55
b.	Nitrogen Dioxide(NO2),µg/m ³	IS: 5182 (P-6): 2017	80 Max	16.19
c.	Particulate Matter (PM10),µg/m3	IS: 5182 (P-23): 2017	100 Max	104.52
d.	Particulate matter (PM 2.5),µg/m3	IS: 5182 (P-24)-2019	60 Max	62.29
e.	Ammonia(NH3),µg/m ³	IS: 5182 (P-25): 2018	400 Max	32.16
f.	Lead(As Pb),µg/m3	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)

Saurabh Sharma
Saurabh Sharma
06-02-2023
Reviewer

PremKumar
07-02-2023
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. :E01-2301291089 Sample Reg. Date :29-01-2023 Report Date :06-02-2023 Report No. :ICE-2302060095 NABL ULR No. :TC592623000001464F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	23.63
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)

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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
06-02-2023
Reviewer


07-02-2023
PremKumar
[Authorized Signatory]

Disclaimer :

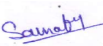
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2301291088 Sample Reg. Date :29-01-2023 Report Date :06-02-2023 Report No. :ICE-2302060094 NABL ULR No. :TC592623000001465F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Bock C-3
Date of Monitoring	: 23-01-2023
Time of Monitoring	: 11:30 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.31
Volume of air sampled,m3	: 1927.30
Avg. Ambient Temperature,°C	: 11

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	6.25
b.	Nitrogen Dioxide(NO2),µg/m ³	IS: 5182 (P-6): 2017	80 Max	17.13
c.	Particulate Matter (PM10),µg/m3	IS: 5182 (P-23): 2017	100 Max	94.17
d.	Particulate matter (PM 2.5),µg/m3	IS: 5182 (P-24)-2019	60 Max	56.40
e.	Ammonia(NH3),µg/m ³	IS: 5182 (P-25): 2018	400 Max	34.53
f.	Lead(As Pb),µg/m3	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


 Saurabh Sharma
 06-02-2023
 Reviewer


 07-02-2023
 PremKumar
 [Authorized Signatory]

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2301291088 Sample Reg. Date :29-01-2023 Report Date :06-02-2023 Report No. :ICE-2302060094 NABL ULR No. :TC592623000001465F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	28.56
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)

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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
06-02-2023
Reviewer


07-02-2023
PremKumar
[Authorized Signatory]

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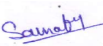
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2301291090 Sample Reg. Date :29-01-2023 Report Date :06-02-2023 Report No. :ICE-2302060096 NABL ULR No. :TC592623000001463F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Village-Khanpur
Date of Monitoring	: 23-01-2023
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	: 1978.41
Avg. Ambient Temperature,°C	: 10

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	9.61
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS: 5182 (P-6): 2017	80 Max	16.51
c.	Particulate Matter (PM ₁₀),µg/m ³	IS: 5182 (P-23): 2017	100 Max	98.11
d.	Particulate matter (PM _{2.5}),µg/m ³	IS: 5182 (P-24)-2019	60 Max	52.19
e.	Ammonia(NH ₃),µg/m ³	IS: 5182 (P-25): 2018	400 Max	33.40
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


Saurabh Sharma
06-02-2023
Reviewer


07-02-2023
PremKumar
[Authorized Signatory]

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2301291090 Sample Reg. Date :29-01-2023 Report Date :06-02-2023 Report No. :ICE-2302060096 NABL ULR No. :TC592623000001463F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	28.21
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
06-02-2023
Reviewer


07-02-2023
PremKumar
[Authorized Signatory]

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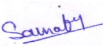
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2301291091 Sample Reg. Date :29-01-2023 Report Date :06-02-2023 Report No. :ICE-2302060097 NABL ULR No. :TC592623000001462F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Shakti Vihar
Date of Monitoring	: 23-01-2023
Time of Monitoring	: 12:10 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.28
Volume of air sampled,m3	: 1883.17
Avg. Ambient Temperature,°C	: 11

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	8.34
b.	Nitrogen Dioxide(NO2),µg/m ³	IS: 5182 (P-6): 2017	80 Max	15.36
c.	Particulate Matter (PM10),µg/m3	IS: 5182 (P-23): 2017	100 Max	96.38
d.	Particulate matter (PM 2.5),µg/m3	IS: 5182 (P-24)-2019	60 Max	50.08
e.	Ammonia(NH3),µg/m ³	IS: 5182 (P-25): 2018	400 Max	28.39
f.	Lead(As Pb),µg/m3	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


Saurabh Sharma
06-02-2023
Reviewer


07-02-2023
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. :E01-2301291091 Sample Reg. Date :29-01-2023 Report Date :06-02-2023 Report No. :ICE-2302060097 NABL ULR No. :TC592623000001462F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	21.58
b.	Carbon Monoxide(CO),mg/m ³	IS: 5182 (P-10): 2019	2 Max.	BLQ(LOQ:1.14)
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
06-02-2023
Reviewer


07-02-2023
PremKumar
[Authorized Signatory]

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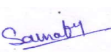
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2301291093
	Sample Reg. Date :29-01-2023
	Report Date :06-02-2023
	Report No. :ICE-2302060099
	NABL ULR No. :TC592623000001458F
	Customer Ref. No. :Order No.5030010814
	Letter Dated :21.11.2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Gate No.3
Date of Monitoring	: 26-01-2023
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	: 1942.01
Avg. Ambient Temperature,°C	: 11

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	9.12
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS: 5182 (P-6): 2017	80 Max	17.53
c.	Particulate Matter (PM ₁₀),µg/m ³	IS: 5182 (P-23): 2017	100 Max	102.32
d.	Particulate matter (PM _{2.5}),µg/m ³	IS: 5182 (P-24)-2019	60 Max	58.50
e.	Ammonia(NH ₃),µg/m ³	IS: 5182 (P-25): 2018	400 Max	30.40
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


Saurabh Sharma
06-02-2023
Reviewer


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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. :E01-2301291093 Sample Reg. Date :29-01-2023 Report Date :06-02-2023 Report No. :ICE-2302060099 NABL ULR No. :TC592623000001458F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	22.52
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
06-02-2023
Reviewer


07-02-2023
PremKumar
[Authorized Signatory]

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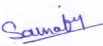
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2301291092 Sample Reg. Date :29-01-2023 Report Date :06-02-2023 Report No. :ICE-2302060098 NABL ULR No. :TC592623000001460F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Block C-6
Date of Monitoring	: 26-01-2023
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	: 1964.52
Avg. Ambient Temperature,°C	: 12

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	7.13
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS: 5182 (P-6): 2017	80 Max	16.33
c.	Particulate Matter (PM ₁₀),µg/m ³	IS: 5182 (P-23): 2017	100 Max	92.34
d.	Particulate matter (PM _{2.5}),µg/m ³	IS: 5182 (P-24)-2019	60 Max	54.71
e.	Ammonia(NH ₃),µg/m ³	IS: 5182 (P-25): 2018	400 Max	32.12
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


Saurabh Sharma
06-02-2023
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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. :E01-2301291092 Sample Reg. Date :29-01-2023 Report Date :06-02-2023 Report No. :ICE-2302060098 NABL ULR No. :TC592623000001460F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	27.51
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
06-02-2023
Reviewer


07-02-2023
PremKumar
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2301291094 Sample Reg. Date :29-01-2023 Report Date :07-02-2023 Report No. :ICE-2302070102 NABL ULR No. :TC592623000001459F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Village-Khanpur
Date of Monitoring	: 26-01-2023
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	: 1942.01
Avg. Ambient Temperature,°C	: 11

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	7.10
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS: 5182 (P-6): 2017	80 Max	13.30
c.	Particulate Matter (PM ₁₀),µg/m ³	IS: 5182 (P-23): 2017	100 Max	105.25
d.	Particulate matter (PM _{2.5}),µg/m ³	IS: 5182 (P-24)-2019	60 Max	55.13
e.	Ammonia(NH ₃),µg/m ³	IS: 5182 (P-25): 2018	400 Max	35.64
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)

Saurabh Sharma
Saurabh Sharma
07-02-2023
Reviewer

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07-02-2023
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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. :E01-2301291094 Sample Reg. Date :29-01-2023 Report Date :07-02-2023 Report No. :ICE-2302070102 NABL ULR No. :TC592623000001459F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	28.56
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
07-02-2023
Reviewer


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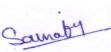
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2301291095 Sample Reg. Date :29-01-2023 Report Date :07-02-2023 Report No. :ICE-2302070103 NABL ULR No. :TC592623000001457F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Shakti Vihar
Date of Monitoring	: 26-01-2023
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	: 1943.04
Avg. Ambient Temperature,°C	: 13

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	7.61
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS: 5182 (P-6): 2017	80 Max	18.21
c.	Particulate Matter (PM ₁₀),µg/m ³	IS: 5182 (P-23): 2017	100 Max	98.20
d.	Particulate matter (PM _{2.5}),µg/m ³	IS: 5182 (P-24)-2019	60 Max	49.24
e.	Ammonia(NH ₃),µg/m ³	IS: 5182 (P-25): 2018	400 Max	27.47
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


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07-02-2023
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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:1.14)
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
07-02-2023
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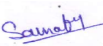
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2302010014 Sample Reg. Date :01-02-2023 Report Date :07-02-2023 Report No. :ICE-2302070113 NABL ULR No. :TC592623000001441F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Gate No.3
Date of Monitoring	: 30-01-2023
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	: 1948.88
Avg. Ambient Temperature,°C	: 10

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	9.22
b.	Nitrogen Dioxide(NO2),µg/m ³	IS: 5182 (P-6): 2017	80 Max	14.51
c.	Particulate Matter (PM10),µg/m3	IS: 5182 (P-23): 2017	100 Max	96.36
d.	Particulate matter (PM 2.5),µg/m3	IS: 5182 (P-24)-2019	60 Max	58.08
e.	Ammonia(NH3),µg/m ³	IS: 5182 (P-25): 2018	400 Max	30.19
f.	Lead(As Pb),µg/m3	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


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Test Report

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2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	25.63
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

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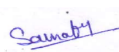
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2302010013 Sample Reg. Date :01-02-2023 Report Date :07-02-2023 Report No. :ICE-2302070111 NABL ULR No. :TC592623000001444F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Block C-3
Date of Monitoring	: 30-01-2023
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	: 1934.11
Avg. Ambient Temperature,°C	: 10

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	16.26
c.	Particulate Matter (PM ₁₀),µg/m ³	IS: 5182 (P-23): 2017	100 Max	92.14
d.	Particulate matter (PM _{2.5}),µg/m ³	IS: 5182 (P-24)-2019	60 Max	46.72
e.	Ammonia(NH ₃),µg/m ³	IS: 5182 (P-25): 2018	400 Max	27.18
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


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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. :E01-2302010013 Sample Reg. Date :01-02-2023 Report Date :07-02-2023 Report No. :ICE-2302070111 NABL ULR No. :TC592623000001444F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	28.54
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
07-02-2023
Reviewer


07-02-2023
PremKumar
[Authorized Signatory]

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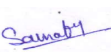
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2302010015 Sample Reg. Date :01-02-2023 Report Date :07-02-2023 Report No. :ICE-2302070114 NABL ULR No. :TC592623000001442F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Village-Khanpur
Date of Monitoring	: 30-01-2023
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	: 1978.41
Avg. Ambient Temperature,°C	: 10

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	11.23
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS: 5182 (P-6): 2017	80 Max	17.12
c.	Particulate Matter (PM ₁₀),µg/m ³	IS: 5182 (P-23): 2017	100 Max	102.46
d.	Particulate matter (PM _{2.5}),µg/m ³	IS: 5182 (P-24)-2019	60 Max	56.40
e.	Ammonia(NH ₃),µg/m ³	IS: 5182 (P-25): 2018	400 Max	32.20
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


Saurabh Sharma
07-02-2023
Reviewer


07-02-2023
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. :E01-2302010015 Sample Reg. Date :01-02-2023 Report Date :07-02-2023 Report No. :ICE-2302070114 NABL ULR No. :TC592623000001442F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	24.59
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
07-02-2023
Reviewer


07-02-2023
PremKumar
[Authorized Signatory]

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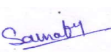
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2302010016 Sample Reg. Date :01-02-2023 Report Date :07-02-2023 Report No. :ICE-2302070112 NABL ULR No. :TC592623000001445F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Shakti Vihar
Date of Monitoring	: 30-01-2023
Time of Monitoring	: 12:30 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.34
Volume of air sampled,m3	: 1971.44
Avg. Ambient Temperature,°C	: 11

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	9.25
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS: 5182 (P-6): 2017	80 Max	18.34
c.	Particulate Matter (PM ₁₀),µg/m ³	IS: 5182 (P-23): 2017	100 Max	98.51
d.	Particulate matter (PM _{2.5}),µg/m ³	IS: 5182 (P-24)-2019	60 Max	54.29
e.	Ammonia(NH ₃),µg/m ³	IS: 5182 (P-25): 2018	400 Max	32.11
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


Saurabh Sharma
07-02-2023
Reviewer


07-02-2023
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. :E01-2302010016 Sample Reg. Date :01-02-2023 Report Date :07-02-2023 Report No. :ICE-2302070112 NABL ULR No. :TC592623000001445F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	26.33
b.	Carbon Monoxide(CO),mg/m ³	IS: 5182 (P-10): 2019	2 Max.	BLQ(LOQ:1.14)
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
07-02-2023
Reviewer


07-02-2023
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. :E01-2301090186 Sample Reg. Date :09-01-2023 Report Date :10-01-2023 Report No. :ICE-2301100385 NABL ULR No. :TC592623000000336F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022
Test Report as per :	: EPA Act 1986/PCLS/2010
Sampling Information :	
Date of Monitoring	: 06-01-2023
Time of Monitoring	: 10:00 to 10:24 hrs
Name of the emission source monitored	: Stack Emission of Boiler
Rated Capacity	: 660 MW
Capacity on sampling day	: 610 MW
Type of fuel used & its consumption	: Coal & 375 Ton/hrs
Normal operating schedule	: 24 hrs
Stack Identification	: Stack attached to Boiler, Unit -1 (At 65 meter's Height)
Type of Stack/Duct	: Metal
Stack Height from Ground Level(m)	: 275
Diameter of the Stack(cm)	: 700
Sampling Duration(minutes)	: 24
Purpose of Monitoring	: For Self Monitoring
Air Pollution control measure	: ESP + FF + FGD + Low NOx Burner
Status	: Working
Recovery of Material	: -
Fugitive Emission,if any	: Nil
Observations :	

Saurabh Sharma
Saurabh Sharma
10-01-2023
Reviewer

PremKumar
10-01-2023
PremKumar
[Authorized Signatory]

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2301090186
	Sample Reg. Date :09-01-2023
	Report Date :10-01-2023
	Report No. :ICE-2301100385
	NABL ULR No. :TC592623000000336F
	Customer Ref. No. :Order No.5030010814
	Letter Dated :21.11.2022

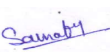
Flue Gas Temperature, °C,Avg.	: 53
Flue Gas Velocity(m/s),Avg.	: 23.43
Volumetric Flow Rate(Nm ³ /hr.)	: 2848711.43
Ambient Air Temperature, °C	: 9

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	25.22
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-2)	Max. 200	143.05
c.	Oxides of Nitrogen (NO _x), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-7)	Max. 450	320.28
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	3.84

'#' 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 06.01.2023, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A


Saurabh Sharma
10-01-2023
Reviewer


10-01-2023
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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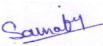
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Test Report

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Page 3 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2301090186 Sample Reg. Date :09-01-2023 Report Date :10-01-2023 Report No. :ICE-2301100385 NABL ULR No. :TC592623000000336F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

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


Saurabh Sharma
10-01-2023
Reviewer


10-01-2023
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. :E01-2301090187 Sample Reg. Date :09-01-2023 Report Date :10-01-2023 Report No. :ICE-2301100386 NABL ULR No. :TC592623000000337F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022
Test Report as per :	: EPA Act 1986/PCLS/2010
Sampling Information :	
Date of Monitoring	: 06-01-2023
Time of Monitoring	: 10:40 to 11:04 hrs
Name of the emission source monitored	: Stack Emission of Boiler
Rated Capacity	: 660 MW
Capacity on sampling day	: 660 MW
Type of fuel used & its consumption	: Coal & 414 Ton/hrs
Normal operating schedule	: 24 hrs
Stack Identification	: Stack attached to Boiler, Unit-2 (At 65 Meter's Height)
Type of Stack/Duct	: Metal
Stack Height from Ground Level(m)	: 275
Diameter of the Stack(cm)	: 700
Sampling Duration(minutes)	: 24
Purpose of Monitoring	: For Self Monitoring
Air Pollution control measure	: ESP + FF + FGD + Low NOx Burner
Status	: Working
Recovery of Material	: -
Fugitive Emission,if any	: Nil
Observations :	

Saurabh Sharma
Saurabh Sharma
10-01-2023
Reviewer

PremKumar
10-01-2023
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. :E01-2301090187
	Sample Reg. Date :09-01-2023
	Report Date :10-01-2023
	Report No. :ICE-2301100386
	NABL ULR No. :TC592623000000337F
	Customer Ref. No. :Order No.5030010814
	Letter Dated :21.11.2022

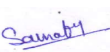
Flue Gas Temperature, °C,Avg.	: 51
Flue Gas Velocity(m/s),Avg.	: 23.58
Volumetric Flow Rate(Nm ³ /hr.)	: 2884646.23
Ambient Air Temperature, °C	: 9

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	28.23
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-2)	Max. 200	179.65
c.	Oxides of Nitrogen (NO _x), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-7)	Max. 450	310.37
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	3.28

'#' 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 06.01.2023, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A


Saurabh Sharma
10-01-2023
Reviewer


10-01-2023
PremKumar
[Authorized Signatory]

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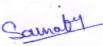
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Test Report

Document QF : 2501
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2301090187 Sample Reg. Date :09-01-2023 Report Date :10-01-2023 Report No. :ICE-2301100386 NABL ULR No. :TC592623000000337F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

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


Saurabh Sharma
10-01-2023
Reviewer


10-01-2023
PremKumar
[Authorized Signatory]

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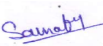
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Test Report

Document QF : 2501
Page 1 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2301140574 Sample Reg. Date :14-01-2023 Report Date :17-01-2023 Report No. :ICE-2301170758 NABL ULR No. :TC592623000000647F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

Test Report as per :	: EPA Act 1986/PCLS/2010
Sampling Information :	
Date of Monitoring	: 13-01-2023
Time of Monitoring	: 14:10 to 14:34 hrs
Name of the emission source monitored	: Stack Emission of Boiler
Rated Capacity	: 660 MW
Capacity on sampling day	: 635 MW
Type of fuel used & its consumption	: Coal & 380 Ton/hrs
Normal operating schedule	: 24 hrs
Stack Identification	: Stack attached to Boiler Unit-1 (At 65 Meter's Height)
Type of Stack/Duct	: Metal
Stack Height from Ground Level(m)	: 275
Diameter of the Stack(cm)	: 700
Sampling Duration(minutes)	: 24
Purpose of Monitoring	: For Self Monitoring
Air Pollution control measure	: ESP + FF + FGD + Low NOx Burner
Status	: Working
Recovery of Material	: -
Fugitive Emission,if any	: Nil
Observations :	


Saurabh Sharma
17-01-2023
Reviewer


17-01-2023
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. :E01-2301140574 Sample Reg. Date :14-01-2023 Report Date :17-01-2023 Report No. :ICE-2301170758 NABL ULR No. :TC592623000000647F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

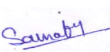
Flue Gas Temperature, °C,Avg.	: 57
Flue Gas Velocity(m/s),Avg.	: 23.64
Volumetric Flow Rate(Nm ³ /hr.)	: 2839404.73
Ambient Air Temperature, °C	: 15

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	24.22
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-2)	Max. 200	165.88
c.	Oxides of Nitrogen (NO _x), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-7)	Max. 450	260.18
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	3.91

'#' 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 13.01.2023, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A


Saurabh Sharma
17-01-2023
Reviewer


17-01-2023
PremKumar
[Authorized Signatory]

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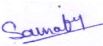
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Page 3 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2301140574 Sample Reg. Date :14-01-2023 Report Date :17-01-2023 Report No. :ICE-2301170758 NABL ULR No. :TC592623000000647F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

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


Saurabh Sharma
17-01-2023
Reviewer


17-01-2023
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. :E01-2301140575 Sample Reg. Date :14-01-2023 Report Date :17-01-2023 Report No. :ICE-2301170759 NABL ULR No. :TC592623000000648F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022
Test Report as per :	: EPA Act 1986/PCLS/2010
Sampling Information :	
Date of Monitoring	: 13-01-2023
Time of Monitoring	: 14:50 to 15:14 hrs
Name of the emission source monitored	: Stack Emission of Boiler
Rated Capacity	: 660 MW
Capacity on sampling day	: 646 MW
Type of fuel used & its consumption	: Coal & 398 Ton/hrs
Normal operating schedule	: 24 hrs
Stack Identification	: Stack attached to Boiler Unit-2 (At 65 Meter's Height)
Type of Stack/Duct	: Metal
Stack Height from Ground Level(m)	: 275
Diameter of the Stack(cm)	: 700
Sampling Duration(minutes)	: 24
Purpose of Monitoring	: For Self Monitoring
Air Pollution control measure	: ESP + FF + FGD + Low NOx Burner
Status	: Working
Recovery of Material	: -
Fugitive Emission,if any	: Nil
Observations :	

Saurabh Sharma
17-01-2023
Reviewer

17-01-2023
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. :E01-2301140575 Sample Reg. Date :14-01-2023 Report Date :17-01-2023 Report No. :ICE-2301170759 NABL ULR No. :TC592623000000648F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

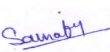
Flue Gas Temperature, °C,Avg.	: 52
Flue Gas Velocity(m/s),Avg.	: 23.72
Volumetric Flow Rate(Nm ³ /hr.)	: 2892844.52
Ambient Air Temperature, °C	: 15

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	27.59
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-2)	Max. 200	171.06
c.	Oxides of Nitrogen (NO _x), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-7)	Max. 450	310.21
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	4.20

'#' 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 13.01.2023, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A


Saurabh Sharma
17-01-2023
Reviewer


17-01-2023
PremKumar
[Authorized Signatory]

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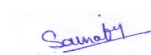
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Page 3 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2301140575 Sample Reg. Date :14-01-2023 Report Date :17-01-2023 Report No. :ICE-2301170759 NABL ULR No. :TC592623000000648F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

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



Saurabh Sharma
17-01-2023
Reviewer



17-01-2023
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. :E01-2301210885 Sample Reg. Date :21-01-2023 Report Date :24-01-2023 Report No. :ICE-2301241190 NABL ULR No. :TC592623000001099F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022
Test Report as per :	: EPA Act 1986/PCLS/2010
Sampling Information :	
Date of Monitoring	: 20-01-2023
Time of Monitoring	: 10:10 to 10:34 hrs
Name of the emission source monitored	: Stack emission of Boiler
Rated Capacity	: 660 MW
Capacity on sampling day	: 643 MW
Type of fuel used & its consumption	: Coal & 387 Ton/hrs
Normal operating schedule	: 24 hrs
Stack Identification	: Stack attached to Boiler Unit-1 (At 65 Meter's Height)
Type of Stack/Duct	: Metal
Stack Height from Ground Level(m)	: 275
Diameter of the Stack(cm)	: 700
Sampling Duration(minutes)	: 24
Purpose of Monitoring	: For Self Monitoring
Air Pollution control measure	: ESP + FF + FGD + Low NOx Burner
Status	: Working
Recovery of Material	: -
Fugitive Emission,if any	: Nil
Observations :	

Saurabh Sharma
24-01-2023
Reviewer

24-01-2023
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. :E01-2301210885 Sample Reg. Date :21-01-2023 Report Date :24-01-2023 Report No. :ICE-2301241190 NABL ULR No. :TC592623000001099F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

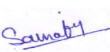
Flue Gas Temperature, °C,Avg.	: 54
Flue Gas Velocity(m/s),Avg.	: 23.98
Volumetric Flow Rate(Nm ³ /hr.)	: 2914629.90
Ambient Air Temperature, °C	: 15

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	24.18
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-2)	Max. 200	150.53
c.	Oxides of Nitrogen (NO _x), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-7)	Max. 450	265.30
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	3.03

'#' 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 20.01.2023, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A


Saurabh Sharma
24-01-2023
Reviewer


24-01-2023
PremKumar
[Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.
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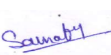
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2301210885 Sample Reg. Date :21-01-2023 Report Date :24-01-2023 Report No. :ICE-2301241190 NABL ULR No. :TC592623000001099F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

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


Saurabh Sharma
24-01-2023
Reviewer


24-01-2023
PremKumar
[Authorized Signatory]

Disclaimer :

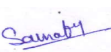
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Test Report

Document QF : 2501
Page 1 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2301210886 Sample Reg. Date :21-01-2023 Report Date :24-01-2023 Report No. :ICE-2301241191 NABL ULR No. :TC592623000001100F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

Test Report as per :	: EPA Act 1986/PCLS/2010
Sampling Information :	
Date of Monitoring	: 20-01-2023
Time of Monitoring	: 10:50 to 11:14 hrs
Name of the emission source monitored	: Stack Emission of Boiler
Rated Capacity	: 660 MW
Capacity on sampling day	: 647 MW
Type of fuel used & its consumption	: Coal & 415 Ton/hrs
Normal operating schedule	: 24 Hrs
Stack Identification	: Stack attached to Boiler Unit-2 (At 65 Meter's Height)
Type of Stack/Duct	: Metal
Stack Height from Ground Level(m)	: 275
Diameter of the Stack(cm)	: 700
Sampling Duration(minutes)	: 24
Purpose of Monitoring	: For Self Monitoring
Air Pollution control measure	: ESP + FF + FGD + Low NOx Burner
Status	: Working
Recovery of Material	: -
Fugitive Emission,if any	: Nil
Observations :	


Saurabh Sharma
24-01-2023
Reviewer


24-01-2023
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. :E01-2301210886
	Sample Reg. Date :21-01-2023
	Report Date :24-01-2023
	Report No. :ICE-2301241191
	NABL ULR No. :TC592623000001100F
	Customer Ref. No. :Order No.5030010814
	Letter Dated :21.11.2022

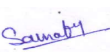
Flue Gas Temperature, °C,Avg.	: 50
Flue Gas Velocity(m/s),Avg.	: 23.91
Volumetric Flow Rate(Nm ³ /hr.)	: 2942110.94
Ambient Air Temperature, °C	: 15

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	28.24
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-2)	Max. 200	163.42
c.	Oxides of Nitrogen (NO _x), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-7)	Max. 450	310.16
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	4.19

'#' 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 20.01.2023, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A


Saurabh Sharma
24-01-2023
Reviewer


24-01-2023
PremKumar
[Authorized Signatory]

Disclaimer :

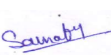
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Test Report

Document QF : 2501
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2301210886 Sample Reg. Date :21-01-2023 Report Date :24-01-2023 Report No. :ICE-2301241191 NABL ULR No. :TC592623000001100F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

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


Saurabh Sharma
24-01-2023
Reviewer

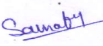

24-01-2023
PremKumar
[Authorized Signatory]

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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2301281069 Sample Reg. Date :28-01-2023 Report Date :08-02-2023 Report No. :ICE-2302080188 (2) Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022
Test Report as per :	: EPA Act 1986/PCLS/2010
Sampling Information :	
Date of Monitoring	: 27-01-2023
Time of Monitoring	: 12:00 to 12:24 hrs
Name of the emission source monitored	: Stack Emission of Boiler
Rated Capacity	: 660 MW
Capacity on sampling day	: 615 MW
Type of fuel used & its consumption	: Coal & 415 Ton/hrs
Normal operating schedule	: 24 hrs
Stack Identification	: Stack attached to Boiler Unit-1 (At 65 Meter's Height)
Type of Stack/Duct	: Metal
Stack Height from Ground Level(m)	: 275
Diameter of the Stack(cm)	: 700
Sampling Duration(minutes)	: 24
Purpose of Monitoring	: For Self Monitoring
Air Pollution control measure	: ESP + FF + FGD + Low NO _x Burner
Status	: Working
Recovery of Material	: -
Fugitive Emission,if any	: Nil
Observations :	
Flue Gas Temperature, °C,Avg.	: 52
Flue Gas Velocity(m/s),Avg.	: 23.83


Saurabh Sharma
08-02-2023
Reviewer


08-02-2023
PremKumar
[Authorized Signatory]

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Test Report

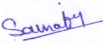
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar		Sample Reg. No. :E01-2301281069 Sample Reg. Date :28-01-2023 Report Date :08-02-2023 Report No. :ICE-2302080188 (2) Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022		
Volumetric Flow Rate(Nm ³ /hr.)		: 2906259.91		
Ambient Air Temperature, °C		: 15		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	General Parameters			
a.	Benzo Pyrene, mg/Nm ³	APHA-23rd Edition Guidelines		BLQ(LOQ:0.5)

'#' represents Customer Defined Fields

NOTE : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Sample collected by lab rep. on dated 27.01.2023, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A

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


Saurabh Sharma
08-02-2023
Reviewer


08-02-2023
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. :E01-2301281069 Sample Reg. Date :28-01-2023 Report Date :08-02-2023 Report No. :ICE-2302080188 (1) NABL ULR No. :TC592623000001553F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022
Test Report as per :	: EPA Act 1986/PCLS/2010
Sampling Information :	
Date of Monitoring	: 27-01-2023
Time of Monitoring	: 12:00 to 12:24 hrs
Name of the emission source monitored	: Stack Emission of Boiler
Rated Capacity	: 660 MW
Capacity on sampling day	: 615 MW
Type of fuel used & its consumption	: Coal & 415 Ton/hrs
Normal operating schedule	: 24 hrs
Stack Identification	: Stack attached to Boiler Unit-1 (At 65 Meter's Height)
Type of Stack/Duct	: Metal
Stack Height from Ground Level(m)	: 275
Diameter of the Stack(cm)	: 700
Sampling Duration(minutes)	: 24
Purpose of Monitoring	: For Self Monitoring
Air Pollution control measure	: ESP + FF + FGD + Low NOx Burner
Status	: Working
Recovery of Material	: -
Fugitive Emission,if any	: Nil
Observations :	

Saurabh Sharma
Saurabh Sharma
08-02-2023
Reviewer

PremKumar
08-02-2023
PremKumar
[Authorized Signatory]

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Test Report

Document QF : 2501
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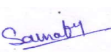
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2301281069
	Sample Reg. Date :28-01-2023
	Report Date :08-02-2023
	Report No. :ICE-2302080188 (1)
	NABL ULR No. :TC592623000001553F
	Customer Ref. No. :Order No.5030010814
	Letter Dated :21.11.2022

Flue Gas Temperature, °C,Avg.	: 52
Flue Gas Velocity(m/s),Avg.	: 23.83
Volumetric Flow Rate(Nm ³ /hr.)	: 2906259.91
Ambient Air Temperature, °C	: 15

S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	General Parameters			
a.	Mercury (as Hg), mg/Nm ³	STP/ITC/EW/002		BLQ(LOQ:0.01)
b.	Lead(as Pb),mg/Nm ³	STP/ITC/EW/002		BLQ(LOQ:0.1)
c.	Nickel (as Ni), mg/Nm ³	STP/ITC/EW/002		BLQ(LOQ:0.1)
d.	Arsenic (as As), mg/Nm ³	STP/ITC/EW/002		BLQ(LOQ:0.1)
e.	Benzene, mg/Nm ³	Method of Air Sampling & Analysis		BLQ(LOQ:1.0)
f.	Toluene, mg/Nm ³	Method of Air Sampling & Analysis		BLQ(LOQ:1.0)
g.	Xylene, mg/Nm ³	Method of Air Sampling & Analysis		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, Sample collected by lab rep. on dated 27.01.2023, Sampling Procedure - SOP/ITC/EW/056


Saurabh Sharma
08-02-2023
Reviewer


08-02-2023
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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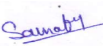
Test Report

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Page 3 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2301281069 Sample Reg. Date :28-01-2023 Report Date :08-02-2023 Report No. :ICE-2302080188 (1) NABL ULR No. :TC592623000001553F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

REMARKS :N/A

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


Saurabh Sharma
08-02-2023
Reviewer


08-02-2023
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. :E01-2301281068 Sample Reg. Date :28-01-2023 Report Date :01-02-2023 Report No. :ICE-2302010007 NABL ULR No. :TC592623000001319F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022
Test Report as per :	: EPA Act 1986/PCLS/2010
Sampling Information :	
Date of Monitoring	: 27-01-2023
Time of Monitoring	: 11:30 to 11:54 hrs
Name of the emission source monitored	: Stack Emission of Boiler
Rated Capacity	: 660 MW
Capacity on sampling day	: 615 MW
Type of fuel used & its consumption	: Coal & 415 Ton/hrs
Normal operating schedule	: 24 hrs
Stack Identification	: Stack attached to Boiler, Unit-1 (At 65 Meter's Height)
Type of Stack/Duct	: Metal
Stack Height from Ground Level(m)	: 275
Diameter of the Stack(cm)	: 700
Sampling Duration(minutes)	: 24
Purpose of Monitoring	: For Self Monitoring
Air Pollution control measure	: ESP + FF + FGD + Low NOx Burner
Status	: Working
Recovery of Material	: -
Fugitive Emission,if any	: Nil
Observations :	

Saurabh Sharma
Saurabh Sharma
01-02-2023
Reviewer

PremKumar
01-02-2023
PremKumar
[Authorized Signatory]

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2301281068 Sample Reg. Date :28-01-2023 Report Date :01-02-2023 Report No. :ICE-2302010007 NABL ULR No. :TC592623000001319F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

Flue Gas Temperature, °C,Avg.	: 52
Flue Gas Velocity(m/s),Avg.	: 23.83
Volumetric Flow Rate(Nm ³ /hr.)	: 2906259.91
Ambient Air Temperature, °C	: 15

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	23.23
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-2)	Max. 200	135.04
c.	Oxides of Nitrogen (NO _x), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-7)	Max. 450	320.34
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	3.91

'#' 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 27.01.2023, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A

Saurabh Sharma
Saurabh Sharma
01-02-2023
Reviewer

PremKumar
01-02-2023
PremKumar
[Authorized Signatory]

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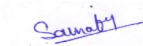
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*****End Of Report*****


Saurabh Sharma
01-02-2023
Reviewer

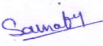

01-02-2023
PremKumar
[Authorized Signatory]

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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2301281071 Sample Reg. Date :28-01-2023 Report Date :08-02-2023 Report No. :ICE-2302080189 (2) Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022
Test Report as per :	: EPA Act 1986/PCLS/2010
Sampling Information :	
Date of Monitoring	: 27-01-2023
Time of Monitoring	: 10:20 to 10:44 hrs
Name of the emission source monitored	: Stack Emission of Boiler
Rated Capacity	: 660 MW
Capacity on sampling day	: 657 MW
Type of fuel used & its consumption	: Coal & 437 Ton/hrs
Normal operating schedule	: 24 hrs
Stack Identification	: Stack attached to Boiler Unit-2 (At 65 Meter's Height)
Type of Stack/Duct	: Metal
Stack Height from Ground Level(m)	: 275
Diameter of the Stack(cm)	: 700
Sampling Duration(minutes)	: 24
Purpose of Monitoring	: For Self Monitoring
Air Pollution control measure	: ESP + FF + FGD + Low NOx Burner
Status	: Working
Recovery of Material	: -
Fugitive Emission,if any	: Nil
Observations :	
Flue Gas Temperature, °C,Avg.	: 51
Flue Gas Velocity(m/s),Avg.	: 22.37


Saurabh Sharma
08-02-2023
Reviewer


08-02-2023
PremKumar
[Authorized Signatory]

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Test Report

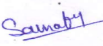
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar		Sample Reg. No. :E01-2301281071 Sample Reg. Date :28-01-2023 Report Date :08-02-2023 Report No. :ICE-2302080189 (2) Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022		
Volumetric Flow Rate(Nm ³ /hr.)		: 2736621.55		
Ambient Air Temperature, °C		: 14		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	General Parameters			
a.	Benzo Pyrene, mg/Nm ³	APHA-23rd Edition Guidelines		BLQ(LOQ:0.5)

'#' represents Customer Defined Fields

NOTE : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Sample collected by lab rep. on dated 27.01.2023, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A

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


Saurabh Sharma
08-02-2023
Reviewer


08-02-2023
PremKumar
[Authorized Signatory]

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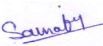
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Test Report

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2301281071 Sample Reg. Date :28-01-2023 Report Date :08-02-2023 Report No. :ICE-2302080189 (1) NABL ULR No. :TC592623000001557F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

Test Report as per :	: EPA Act 1986/PCLS/2010
Sampling Information :	
Date of Monitoring	: 27-01-2023
Time of Monitoring	: 10:20 to 10:44 hrs
Name of the emission source monitored	: Stack Emission of Boiler
Rated Capacity	: 660 MW
Capacity on sampling day	: 657 MW
Type of fuel used & its consumption	: Coal & 437 Ton/hrs
Normal operating schedule	: 24 hrs
Stack Identification	: Stack attached to Boiler Unit-2 (At 65 Meter's Height)
Type of Stack/Duct	: Metal
Stack Height from Ground Level(m)	: 275
Diameter of the Stack(cm)	: 700
Sampling Duration(minutes)	: 24
Purpose of Monitoring	: For Self Monitoring
Air Pollution control measure	: ESP + FF + FGD + Low NOx Burner
Status	: Working
Recovery of Material	: -
Fugitive Emission,if any	: Nil
Observations :	


Saurabh Sharma
08-02-2023
Reviewer


08-02-2023
PremKumar
[Authorized Signatory]

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Test Report

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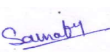
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2301281071
	Sample Reg. Date :28-01-2023
	Report Date :08-02-2023
	Report No. :ICE-2302080189 (1)
	NABL ULR No. :TC592623000001557F
	Customer Ref. No. :Order No.5030010814
	Letter Dated :21.11.2022

Flue Gas Temperature, °C,Avg.	: 51
Flue Gas Velocity(m/s),Avg.	: 22.37
Volumetric Flow Rate(Nm ³ /hr.)	: 2736621.55
Ambient Air Temperature, °C	: 14

S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	General Parameters			
a.	Mercury (as Hg), mg/Nm ³	STP/ITC/EW/002		BLQ(LOQ:0.01)
b.	Lead(as Pb),mg/Nm ³	STP/ITC/EW/002		BLQ(LOQ:0.1)
c.	Nickel (as Ni), mg/Nm ³	STP/ITC/EW/002		BLQ(LOQ:0.1)
d.	Arsenic (as As), mg/Nm ³	STP/ITC/EW/002		BLQ(LOQ:0.1)
e.	Benzene, mg/Nm ³	Method of Air Sampling & Analysis		BLQ(LOQ:1.0)
f.	Toluene, mg/Nm ³	Method of Air Sampling & Analysis		BLQ(LOQ:1.0)
g.	Xylene, mg/Nm ³	Method of Air Sampling & Analysis		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, Sample collected by lab rep. on dated 27.01.2023, Sampling Procedure - SOP/ITC/EW/056


Saurabh Sharma
08-02-2023
Reviewer


08-02-2023
PremKumar
[Authorized Signatory]

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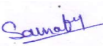
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Page 3 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2301281071 Sample Reg. Date :28-01-2023 Report Date :08-02-2023 Report No. :ICE-2302080189 (1) NABL ULR No. :TC592623000001557F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

REMARKS :N/A

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


Saurabh Sharma
08-02-2023
Reviewer


08-02-2023
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. :E01-2301281070 Sample Reg. Date :28-01-2023 Report Date :01-02-2023 Report No. :ICE-2302010008 NABL ULR No. :TC592623000001320F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022
Test Report as per :	: EPA Act 1986/PCLS/2010
Sampling Information :	
Date of Monitoring	: 27-01-2023
Time of Monitoring	: 10:50 to 11:14 hrs
Name of the emission source monitored	: Stack Emission of Boiler
Rated Capacity	: 660 MW
Capacity on sampling day	: 657 MW
Type of fuel used & its consumption	: Coal & 430 Ton/hrs
Normal operating schedule	: 24 hrs
Stack Identification	: Stack attached to Boiler Unit-2 (At 65 Meter's Height)
Type of Stack/Duct	: Metal
Stack Height from Ground Level(m)	: 275
Diameter of the Stack(cm)	: 700
Sampling Duration(minutes)	: 24
Purpose of Monitoring	: For Self Monitoring
Air Pollution control measure	: ESP + FF + FGD + Low NOx Burner
Status	: Working
Recovery of Material	: -
Fugitive Emission,if any	: Nil
Observations :	

Saurabh Sharma
Saurabh Sharma
01-02-2023
Reviewer

PremKumar
01-02-2023
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. :E01-2301281070
	Sample Reg. Date :28-01-2023
	Report Date :01-02-2023
	Report No. :ICE-2302010008
	NABL ULR No. :TC592623000001320F
	Customer Ref. No. :Order No.5030010814
	Letter Dated :21.11.2022

Flue Gas Temperature, °C,Avg.	: 51
Flue Gas Velocity(m/s),Avg.	: 22.37
Volumetric Flow Rate(Nm ³ /hr.)	: 2736621.55
Ambient Air Temperature, °C	: 14

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	28.23
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-2)	Max. 200	139.98
c.	Oxides of Nitrogen (NO _x), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-7)	Max. 450	290.35
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	4.47

'#' 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 27.01.2023, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A

Saurabh
Saurabh Sharma
01-02-2023
Reviewer

PremKumar
01-02-2023
PremKumar
[Authorized Signatory]

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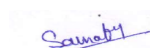
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Test Report

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Page 3 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2301281070 Sample Reg. Date :28-01-2023 Report Date :01-02-2023 Report No. :ICE-2302010008 NABL ULR No. :TC592623000001320F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

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



Saurabh Sharma
01-02-2023
Reviewer



01-02-2023
PremKumar
[Authorized Signatory]

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Test Report

Document QF : 2501

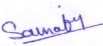
Page 1 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2301160667 Sample Reg. Date :16-01-2023 Report Date :20-01-2023 Report No. :ICE-2301200950 (1) NABL ULR No. :TC592623000000796F Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

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 #	3 Ltr
k)	Batch Size/Location #	NA
l)	Mode of Packing	Packed in cans
m)	Date of Receipt	16-01-2023
n)	Date of Start	16-01-2023
o)	Date of Completion	19-01-2023
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample collected by lab rep. on 13.01.2023


Saurabh Sharma
20-01-2023
Reviewer


20-01-2023
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. :E01-2301160667 Sample Reg. Date :16-01-2023 Report Date :20-01-2023 Report No. :ICE-2301200950 (1) NABL ULR No. :TC592623000000796F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

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		9.39
d.	Total Suspended Solids,(mg/L)	IS 3025 (Part 17): 2017		58
e.	Total Dissolved Solids (mg/L)	IS 3025 (Part 16) : 2017	-	390
f.	Chemical Oxygen Demand(mg/L)	IS 3025 (Part 58) : 2017		140
g.	Bio-chemical Oxygen Demand, mg/L (3 days at 27°C)	IS 3025 (Part 44) : 2019		55
h.	Oil & Grease(mg/L)	IS 3025 (Part 39) : 2021		<4.0


Saurabh Sharma
20-01-2023
Reviewer


20-01-2023
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. :E01-2301160667 Sample Reg. Date :16-01-2023 Report Date :20-01-2023 Report No. :ICE-2301200950 (1) NABL ULR No. :TC592623000000796F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

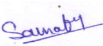
i.	Zinc(As Zn)(mg/L)	IS:3025 (Part-2): 2019	BLQ(LOQ:0.05)
j.	Arsenic(as As)(mg/L)	IS:3025 (Part-2): 2019	BLQ(LOQ:0.05)
k.	Total Chromium as Cr (mg/L)	IS:3025 (Part-2): 2019	BLQ(LOQ:0.05)
l.	Cyanide (as CN),(mg/L)	IS 3025 (Part 27): 2019	BLQ(LOQ:0.05)
m.	Iron(as Fe)(mg/L)	IS:3025 (Part-2): 2019	BLQ(LOQ:0.05)
n.	Temperature(°C)	IS 3025 (Part 9): 2017	24
o.	Free Residual Chlorine (mg/L)	IS: 3025 (P-26): 2021	BLQ(LOQ: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

REMARKS : N/A

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


 Saurabh Sharma
 20-01-2023
 Reviewer


 20-01-2023
 PremKumar
 [Authorized Signatory]

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Test Report

Document QF : 2501

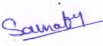
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2301160667 Sample Reg. Date :16-01-2023 Report Date :20-01-2023 Report No. :ICE-2301200950 (2) Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

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 #	3 Ltr
k)	Batch Size/Location #	NA
l)	Mode of Packing	Packed in cans
m)	Date of Receipt	16-01-2023
n)	Date of Start	16-01-2023
o)	Date of Completion	19-01-2023
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample collected by lab rep. on 13.01.2023
s)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
t)	Manufactured By #	NA


Saurabh Sharma
20-01-2023
Reviewer


20-01-2023
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. :E01-2301160667 Sample Reg. Date :16-01-2023 Report Date :20-01-2023 Report No. :ICE-2301200950 (2) Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

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

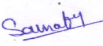
Description				
Description		ETP Inlet Water		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Pollution & Environment			
1.	General Parameters			
a.	Total Phosphate (as P) (mg/L)	APHA 23rd Edition 4500 - P D: 2017		BLQ(LOQ:0.003)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
20-01-2023
Reviewer


20-01-2023
PremKumar
[Authorized Signatory]

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Test Report

Document QF : 2501

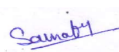
Page 1 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2301160669 Sample Reg. Date :16-01-2023 Report Date :01-02-2023 Report No. :ICE-2302010014 (1) NABL ULR No. :TC592623000001321F Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

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 #	8 Ltr
k)	Batch Size/Location #	NA
l)	Mode of Packing	Packed in bottles
m)	Date of Receipt	16-01-2023
n)	Date of Start	16-01-2023
o)	Date of Completion	27-01-2023
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample Collected by lab.rep.on: 13.01.2023


Saurabh Sharma
01-02-2023
Reviewer


01-02-2023
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. :E01-2301160669 Sample Reg. Date :16-01-2023 Report Date :01-02-2023 Report No. :ICE-2302010014 (1) NABL ULR No. :TC592623000001321F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

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	8.09
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	376
f.	Chemical Oxygen Demand(mg/L)	IS 3025 (Part 58) : 2017	Max. 250	35
g.	Bio-chemical Oxygen Demand, mg/L (3 days at 27°C)	IS 3025 (Part 44) : 2019	Max. 30	9
h.	Oil & Grease(mg/L)	IS 3025 (Part 39) : 2021	Max. 10	<4.0


Saurabh Sharma
01-02-2023
Reviewer


01-02-2023
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. :E01-2301160669 Sample Reg. Date :16-01-2023 Report Date :01-02-2023 Report No. :ICE-2302010014 (1) NABL ULR No. :TC592623000001321F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

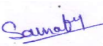
i.	Zinc(As Zn)(mg/L)	IS:3025 (Part-2): 2019	Max. 5.0	BLQ(LOQ:0.05)
j.	Arsenic(as As)(mg/L)	IS:3025 (Part-2): 2019	Max. 0.2	BLQ(LOQ:0.05)
k.	Total Chromium as Cr (mg/L)	IS:3025 (Part-2): 2019	Max. 2.0	BLQ(LOQ:0.05)
l.	Cyanide (as CN),(mg/L)	IS 3025 (Part 27): 2019	Max. 0.2	BLQ(LOQ:0.05)
m.	Iron(as Fe)(mg/L)	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	100 % 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:0.5)

represents categories/test parameters not covered under NABL '#' represents Customer Defined Fields

NOTE : NA- Not Applicable, 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
 01-02-2023
 Reviewer


 01-02-2023
 PremKumar
 [Authorized Signatory]

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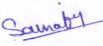
Page 1 of 2

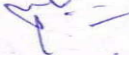
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2301160669 Sample Reg. Date :16-01-2023 Report Date :01-02-2023 Report No. :ICE-2302010014 (2) Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

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 #	8 Ltr
k)	Batch Size/Location #	NA
l)	Mode of Packing	Packed in bottles
m)	Date of Receipt	16-01-2023
n)	Date of Start	16-01-2023
o)	Date of Completion	27-01-2023
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample Collected by lab.rep.on: 13.01.2023
s)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
t)	Manufactured By #	NA


Saurabh Sharma
01-02-2023
Reviewer


01-02-2023
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. :E01-2301160669 Sample Reg. Date :16-01-2023 Report Date :01-02-2023 Report No. :ICE-2302010014 (2) Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

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

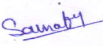
Description	ETP Outlet Water			
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Pollution & Environment			
1.	General Parameters			
a.	Total Phosphate (as P) (mg/L)	APHA 23rd Edition 4500 - P D: 2017	Not Specified	BLQ(LOQ:0.003)

'#' represents Customer Defined Fields

NOTE : NA- Not Applicable, 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
01-02-2023
Reviewer


01-02-2023
PremKumar
[Authorized Signatory]

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Test Report

Document QF : 2501

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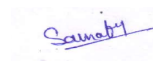
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2301160676 Sample Reg. Date :16-01-2023 Report Date :24-01-2023 Report No. :ICE-2301241139 (1) NABL ULR No. :TC592623000001094F Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

Test Report as per IS:NA	With Amendment No.(s): 01 to 04

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	16-01-2023
n)	Date of Start	16-01-2023
o)	Date of Completion	20-01-2023
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample collected by lab rep. on 13.01.2023


 23-01-2023
Deepika Heera
 [Authorized Signatory]


 Saurabh Sharma
 24-01-2023
 Reviewer


 24-01-2023
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. :E01-2301160676 Sample Reg. Date :16-01-2023 Report Date :24-01-2023 Report No. :ICE-2301241139 (1) NABL ULR No. :TC592623000001094F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

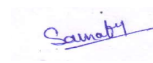
s)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
t)	Manufactured By [#]	NA
u)	Supplied By [#]	NA

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	-	38
c.	Magnesium as Mg(mg/L)	IS: 3025 Part 46): 2019	-	9.0
d.	Sodium(as Na)(mg/L)	IS 3025(Part 45): 2019	-	56.1
e.	Potassium as K,(mg/L)	APHA 23rd Edition-3500K B: 2017		8.2
Discipline : Biological				
Group : Pollution & Environment				


23-01-2023
Deepika Heera
[Authorized Signatory]


Saurabh Sharma
24-01-2023
Reviewer


24-01-2023
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. :E01-2301160676 Sample Reg. Date :16-01-2023 Report Date :24-01-2023 Report No. :ICE-2301241139 (1) NABL ULR No. :TC592623000001094F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

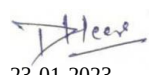
1.	Microbiological Tests			
a.	Faecal Coliforms, (MPN/100mL)	APHA-23 rd Edn 17-9221 F		1.4 x 10 ⁵
b.	E.coli, (MPN/100mL)	APHA-23 rd Edn 17-9221 F		9.3 x10 ⁴
c.	Total Coliform (MPN/100ml)	APHA-23 rd Edn 17-9221 F		1.7 x 10 ⁵

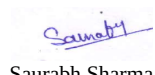
*' represents categories/test parameters not covered under NABL '#' represents Customer Defined Fields

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

REMARKS : N/A

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


 23-01-2023
 Deepika Heera
 [Authorized Signatory]


 Saurabh Sharma
 24-01-2023
 Reviewer


 24-01-2023
 PremKumar
 [Authorized Signatory]

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

Document QF : 2501

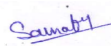
Page 1 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2301160675 Sample Reg. Date :16-01-2023 Report Date :20-01-2023 Report No. :ICE-2301200952 NABL ULR No. :TC592623000000798F Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

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 cans
m)	Date of Receipt	16-01-2023
n)	Date of Start	16-01-2023
o)	Date of Completion	19-01-2023
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample collected by lab rep. on 13.01.2023


 Saurabh Sharma
 20-01-2023
 Reviewer


 20-01-2023
 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. :E01-2301160675 Sample Reg. Date :16-01-2023 Report Date :20-01-2023 Report No. :ICE-2301200952 NABL ULR No. :TC592623000000798F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

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		Musty
c.	pH Value	IS: 3025 (Part 11): 2017		7.05
d.	Total Suspended Solids,(mg/L)	IS 3025 (Part 17): 2017		67
e.	Total Dissolved Solids (mg/L)	IS 3025 (Part 16) : 2017	-	430
f.	Chemical Oxygen Demand(mg/L)	IS 3025 (Part 58) : 2017		212
g.	Bio-chemical Oxygen Demand, mg/L (3 days at 27°C)	IS 3025 (Part 44) : 2019		75
h.	Oil & Grease(mg/L)	IS 3025 (Part 39) : 2021		<4.0

Saurabh Sharma
20-01-2023
Reviewer

20-01-2023
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. :E01-2301160675 Sample Reg. Date :16-01-2023 Report Date :20-01-2023 Report No. :ICE-2301200952 NABL ULR No. :TC592623000000798F Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

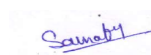
i.	Free Residual Chlorine (mg/L)	IS: 3025 (P-26): 2021		BLQ(LOQ:1.0)

'#' 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
20-01-2023
Reviewer


20-01-2023
PremKumar
[Authorized Signatory]

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Test Report

Document QF : 2501

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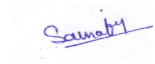
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2301160676 Sample Reg. Date :16-01-2023 Report Date :24-01-2023 Report No. :ICE-2301241139 (2) Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

Test Report as per IS: NA	With Amendment No.(s): 01 to 04

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	16-01-2023
n)	Date of Start	16-01-2023
o)	Date of Completion	20-01-2023
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample collected by lab rep. on 13.01.2023
s)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
t)	Manufactured By #	NA


23-01-2023
Deepika Heera
[Authorized Signatory]


Saurabh Sharma
24-01-2023
Reviewer


24-01-2023
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. :E01-2301160676 Sample Reg. Date :16-01-2023 Report Date :24-01-2023 Report No. :ICE-2301241139 (2) Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

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.	Phosphate as PO ₄ (mg/L)	APHA 23rd Edition 4500 - P D: 2017		BLQ(LOQ:0.003)

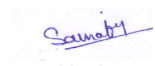
'#' represents Customer Defined Fields

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

REMARKS :N/A

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


23-01-2023
Deepika Heera
[Authorized Signatory]


Saurabh Sharma
24-01-2023
Reviewer


24-01-2023
Prem Kumar
[Authorized Signatory]

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

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Test Report

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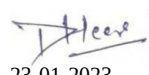
Page 1 of 3

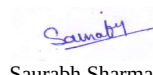
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2301160678 Sample Reg. Date :16-01-2023 Report Date :24-01-2023 Report No. :ICE-2301241140 (1) NABL ULR No. :TC592623000001034F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

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	16-01-2023
n)	Date of Start	16-01-2023
o)	Date of Completion	20-01-2023
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample collected by lab rep. on 13.01.2023


23-01-2023
Deepika Heera
[Authorized Signatory]


Saurabh Sharma
24-01-2023
Reviewer


24-01-2023
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. :E01-2301160678 Sample Reg. Date :16-01-2023 Report Date :24-01-2023 Report No. :ICE-2301241140 (1) NABL ULR No. :TC592623000001034F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

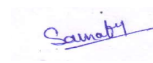
s)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
t)	Manufactured By [#]	NA
u)	Supplied By [#]	NA

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	50
c.	Magnesium as Mg(mg/L)	IS: 3025 Part 46): 2019	Not Specified	6.0
d.	Sodium(as Na)(mg/L)	IS 3025(Part 45): 2019	Not Specified	20.9
e.	Potassium as K,(mg/L)	APHA 23rd Edition-3500K B: 2017	Not Specified	1.1
Discipline : Biological				
Group : Pollution & Environment				


23-01-2023
Deepika Heera
[Authorized Signatory]


Saurabh Sharma
24-01-2023
Reviewer


24-01-2023
PremKumar
[Authorized Signatory]

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Test Report

Document QF : 2501

Page 3 of 3

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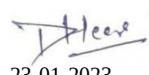
1.	Microbiological Tests			
a.	Faecal Coliform, MPN/100ml	APHA-23 rd Edn 17-9221 F	Max. 1000	809
b.	E.coli, (MPN/100mL)	APHA 23rd Edn 17-9221 E	Not Specified	693
c.	Total Coliform (MPN/100ml)	APHA-23 rd Edn 17-9221 F	Not Specified	920

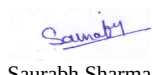
'*' represents categories/test parameters not covered under NABL '#' represents Customer Defined Fields

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

REMARKS :N/A

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


 23-01-2023
 Deepika Heera
 [Authorized Signatory]


 Saurabh Sharma
 24-01-2023
 Reviewer


 24-01-2023
 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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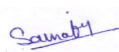
Page 1 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2301160677 Sample Reg. Date :16-01-2023 Report Date :20-01-2023 Report No. :ICE-2301200953 NABL ULR No. :TC592623000000800F Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

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 cans
m)	Date of Receipt	16-01-2023
n)	Date of Start	16-01-2023
o)	Date of Completion	19-01-2023
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample collected by lab rep. on 13.01.2023


 Saurabh Sharma
 20-01-2023
 Reviewer


 20-01-2023
 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. :E01-2301160677 Sample Reg. Date :16-01-2023 Report Date :20-01-2023 Report No. :ICE-2301200953 NABL ULR No. :TC592623000000800F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

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	7.81
d.	Total Suspended Solids,(mg/L)	IS 3025 (Part 17): 2017	Max. 100	8
e.	Total Dissolved Solids (mg/L)	IS 3025 (Part 16) : 2017	Not Specified	412
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 Sharma
20-01-2023
Reviewer

20-01-2023
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. :E01-2301160677 Sample Reg. Date :16-01-2023 Report Date :20-01-2023 Report No. :ICE-2301200953 NABL ULR No. :TC592623000000800F Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

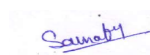
i.	Free Residual Chlorine (mg/L)	IS: 3025 (Part 26)-2021	Max. 1.0	BLQ(LOQ:1.0)

'#' 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
 20-01-2023
 Reviewer


 20-01-2023
 PremKumar
 [Authorized Signatory]

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Test Report

Document QF : 2501

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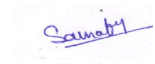
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2301160678 Sample Reg. Date :16-01-2023 Report Date :24-01-2023 Report No. :ICE-2301241140 (2) Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

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	16-01-2023
n)	Date of Start	16-01-2023
o)	Date of Completion	20-01-2023
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample collected by lab rep. on 13.01.2023
s)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
t)	Manufactured By #	NA


23-01-2023
Deepika Heera
[Authorized Signatory]


Saurabh Sharma
24-01-2023
Reviewer


24-01-2023
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. :E01-2301160678 Sample Reg. Date :16-01-2023 Report Date :24-01-2023 Report No. :ICE-2301241140 (2) Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

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	Instrument	Method	Specification	Result
	Discipline : Chemical				
	Group : Pollution & Environment				
1.	General Parameters				
a.	Phosphate(as PO ₄), (mg/L)	UV-Spectrophotometer	APHA 23rd Edition 4500 - P D: 2017	Max. 5.0	BLQ(LOQ:0.003)

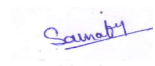
'#' represents Customer Defined Fields

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

REMARKS :N/A

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


23-01-2023
Deepika Heera
[Authorized Signatory]


Saurabh Sharma
24-01-2023
Reviewer


24-01-2023
Prem Kumar
[Authorized Signatory]

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

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Test Report

Document QF : 2501

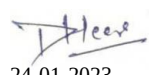
Page 1 of 3

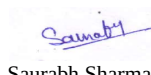
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2301160672 Sample Reg. Date :16-01-2023 Report Date :24-01-2023 Report No. :ICE-2301241199 (1) NABL ULR No. :TC592623000001018F Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

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	16-01-2023
n)	Date of Start	16-01-2023
o)	Date of Completion	20-01-2023
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample collected by lab rep. on 13.01.2023


24-01-2023
Deepika Heera
[Authorized Signatory]


Saurabh Sharma
24-01-2023
Reviewer


24-01-2023
PremKumar
[Authorized Signatory]

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Test Report

Document QF : 2501

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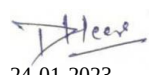
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2301160672 Sample Reg. Date :16-01-2023 Report Date :24-01-2023 Report No. :ICE-2301241199 (1) NABL ULR No. :TC592623000001018F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

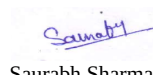
s)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
t)	Manufactured By [#]	NA
u)	Supplied By [#]	NA

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	-	38
c.	Magnesium as Mg(mg/L)	IS: 3025 Part 46): 2019	-	6.0
d.	Sodium(as Na)(mg/L)	IS 3025(Part 45): 2019	-	39.1
e.	Potassium as K,(mg/L)	APHA 23rd Edition-3500K B: 2017		5.2
Discipline : Biological				
Group : Pollution & Environment				


24-01-2023
Deepika Heera
[Authorized Signatory]


Saurabh Sharma
24-01-2023
Reviewer


24-01-2023
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. :E01-2301160672 Sample Reg. Date :16-01-2023 Report Date :24-01-2023 Report No. :ICE-2301241199 (1) NABL ULR No. :TC592623000001018F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

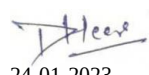
1.	Microbiological Tests			
a.	Faecal Coliforms, (MPN/100mL)	APHA-23 rd Edn 17-9221 F		1.1 x 10 ⁵
b.	<i>E.coli</i> , (MPN/100mL)	APHA-23 rd Edn 17-9221 F		6.9 x 10 ⁴
c.	Total Coliform (MPN/100ml)	APHA-23 rd Edn 17-9221 F		1.8 x 10 ⁵

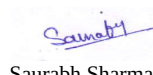
'*' represents categories/test parameters not covered under NABL '#' represents Customer Defined Fields

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

REMARKS : N/A

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


 24-01-2023
 Deepika Heera
 [Authorized Signatory]


 Saurabh Sharma
 24-01-2023
 Reviewer


 24-01-2023
 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

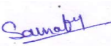
Page 1 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2301160671 Sample Reg. Date :16-01-2023 Report Date :20-01-2023 Report No. :ICE-2301200993 NABL ULR No. :TC592623000000764F Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

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 cans
m)	Date of Receipt	16-01-2023
n)	Date of Start	16-01-2023
o)	Date of Completion	19-01-2023
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample collected by lab rep. on 13.01.2023


Saurabh Sharma
20-01-2023
Reviewer


20-01-2023
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. :E01-2301160671 Sample Reg. Date :16-01-2023 Report Date :20-01-2023 Report No. :ICE-2301200993 NABL ULR No. :TC592623000000764F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

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 : Water			
1.	General Parameters			
a.	Colour	IS: 3025 (P-4)-2021		Colourless
b.	Odour.	IS: 3025 (P-5)-2018		None
c.	pH Value	IS: 3025 (Part 11): 2017		7.47
d.	Total Suspended Solids,(mg/L)	IS 3025 (Part 17): 2017		50
e.	Total Dissolved Solids (mg/L)	IS 3025 (Part 16) : 2017	-	684
f.	Chemical Oxygen Demand(mg/L)	IS 3025 (Part 58) : 2017		180
g.	Bio-chemical Oxygen Demand, mg/L (3 days at 27°C)	IS 3025 (Part 44) : 2019		65
h.	Oil & Grease(mg/L)	IS 3025 (Part 39) : 2021		<4.0


Saurabh Sharma
20-01-2023
Reviewer


20-01-2023
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. :E01-2301160671 Sample Reg. Date :16-01-2023 Report Date :20-01-2023 Report No. :ICE-2301200993 NABL ULR No. :TC592623000000764F Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

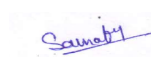
i.	Free Residual Chlorine (mg/L)	IS: 3025 (P-26): 2021		BLQ(LOQ:1.0)

'#' 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
20-01-2023
Reviewer


20-01-2023
PremKumar
[Authorized Signatory]

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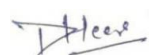
Page 1 of 2

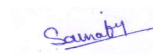
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2301160672 Sample Reg. Date :16-01-2023 Report Date :24-01-2023 Report No. :ICE-2301241199 (2) Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

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	16-01-2023
n)	Date of Start	16-01-2023
o)	Date of Completion	20-01-2023
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample collected by lab rep. on 13.01.2023
s)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
t)	Manufactured By #	NA


24-01-2023
Deepika Heera
[Authorized Signatory]


Saurabh Sharma
24-01-2023
Reviewer


24-01-2023
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. :E01-2301160672 Sample Reg. Date :16-01-2023 Report Date :24-01-2023 Report No. :ICE-2301241199 (2) Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

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.	Phosphate as PO ₄ (mg/L)	APHA 23rd Edition 4500 - P D: 2017		BLQ(LOQ:1.0)

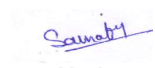
'#' represents Customer Defined Fields

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*****


24-01-2023
Deepika Heera
[Authorized Signatory]


Saurabh Sharma
24-01-2023
Reviewer


24-01-2023
Prem Kumar
[Authorized Signatory]

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

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Test Report

Document QF : 2501

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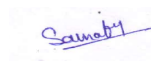
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2301160674 Sample Reg. Date :16-01-2023 Report Date :24-01-2023 Report No. :ICE-2301241138 (1) NABL ULR No. :TC592623000001060F Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

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	16-01-2023
n)	Date of Start	16-01-2023
o)	Date of Completion	20-01-2023
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample collected by lab rep. on 13.01.2023


 23-01-2023
Deepika Heera
 [Authorized Signatory]


 Saurabh Sharma
 24-01-2023
 Reviewer


 24-01-2023
PremKumar
 [Authorized Signatory]

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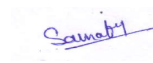
s)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
t)	Manufactured By [#]	NA
u)	Supplied By [#]	NA

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 Outlet Water (Township).		
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Water				
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	57
c.	Magnesium as Mg(mg/L)	IS: 3025 Part 46): 2019	Not Specified	16
d.	Sodium(as Na)(mg/L)	IS 3025(Part 45): 2019	Not Specified	28.1
e.	Potassium as K,(mg/L)	APHA 23rd Edition-3500K B: 2017	Not Specified	6.2
Discipline : Biological				
Group : Water				


23-01-2023
Deepika Heera
[Authorized Signatory]


Saurabh Sharma
24-01-2023
Reviewer


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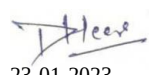
1.	Microbiological Tests			
a.	Faecal Coliform, MPN/100ml	APHA-23 rd Edn 17-9221 F	Max. 1000	350
b.	E.coli, (MPN/100mL)	APHA 23rd Edn 17-9221 E	Not Specified	170
c.	Total Coliform (MPN/100ml)	APHA-23 rd Edn 17-9221 F	Not Specified	540

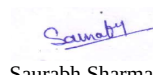
'*' represents categories/test parameters not covered under NABL '#' represents Customer Defined Fields

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*****


23-01-2023
Deepika Heera
[Authorized Signatory]


Saurabh Sharma
24-01-2023
Reviewer


24-01-2023
PremKumar
[Authorized Signatory]

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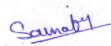
Page 1 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2301160673 Sample Reg. Date :16-01-2023 Report Date :20-01-2023 Report No. :ICE-2301200951 NABL ULR No. :TC592623000000769F Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

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 cans
m)	Date of Receipt	16-01-2023
n)	Date of Start	16-01-2023
o)	Date of Completion	19-01-2023
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample collected by lab rep. on 13.01.2023


Saurabh Sharma
20-01-2023
Reviewer


20-01-2023
PremKumar
[Authorized Signatory]

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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 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	7.20
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	650
f.	Chemical Oxygen Demand(mg/L)	IS 3025 (Part 58) : 2017	Not Specified	40
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
20-01-2023
Reviewer


20-01-2023
PremKumar
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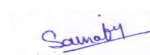
i.	Free Residual Chlorine (mg/L)	IS: 3025 (Part 26)-2021	Max. 1.0	BLQ(LOQ:1.0)

'#' 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
20-01-2023
Reviewer


20-01-2023
PremKumar
[Authorized Signatory]

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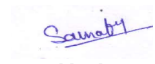
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2301160674 Sample Reg. Date :16-01-2023 Report Date :24-01-2023 Report No. :ICE-2301241138 (2) Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

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	16-01-2023
n)	Date of Start	16-01-2023
o)	Date of Completion	20-01-2023
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample collected by lab rep. on 13.01.2023
s)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
t)	Manufactured By [#]	NA


23-01-2023
Deepika Heera
[Authorized Signatory]


Saurabh Sharma
24-01-2023
Reviewer


24-01-2023
PremKumar
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u)	Supplied By #	NA

PART B : SUPPLEMENTARY INFORMATIONS

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

Description				
Description		STP Outlet Water (Township).		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Water			
1.	General Parameters			
a.	Phosphate(as PO ₄),(mg/L)	APHA 23rd Edition 4500 - P D: 2017	Max. 5.0	BLQ(LOQ:0.003)

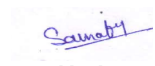
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NOTE : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirement as per EPA Act 1986/PCLS/2010. Sampling Procedure - SOP/ITC/EW/030

REMARKS :N/A

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


23-01-2023
Deepika Heera
[Authorized Signatory]


Saurabh Sharma
24-01-2023
Reviewer


24-01-2023
Prem Kumar
[Authorized Signatory]

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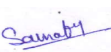
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2301170731 Sample Reg. Date :17-01-2023 Report Date :20-01-2023 Report No. :ICE-2301200908 NABL ULR No. :TC592623000000751F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022
Test Report as per :	: EPA Act 1986/PCLS/2010
Sampling Information :	
Name of Sample	: Ambient Noise
Date of Monitoring	: 13-01-2023
Time of Monitoring	: 10:30 hrs
Nature of Industry	: Thermal Power Plant
Purpose of Monitoring	: For Self Monitoring


 Saurabh Sharma
 20-01-2023
 Reviewer


 20-01-2023
 PremKumar
 [Authorized Signatory]

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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	57.9
b.	Near Gate No.1 (Night Time), Leq dB (A)	IS:9989(RA 2014)	Max. 70.0	51.2
c.	Near Gate No.2 (Day Time), Leq dB (A)	IS:9989(RA 2014)	Max. 75.0	55.9
d.	Near Gate No.2 (Night Time), Leq dB (A)	IS:9989(RA 2014)	Max. 70.0	50.1
e.	Near Gate No.3 (Day Time), Leq dB (A)	IS:9989(RA 2014)	Max. 75.0	56.0
f.	Near Gate No.3 (Night Time), Leq dB (A)	IS:9989(RA 2014)	Max. 70.0	49.4
g.	Near Guest House (Day Time), Leq dB (A)	IS:9989(RA 2014)	Max. 75.0	52.6
h.	Near Guest House (Night Time), Leq dB (A)	IS:9989(RA 2014)	Max. 70.0	48.3

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
20-01-2023
Reviewer


20-01-2023
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. : E01-2302090247 Sample Reg. Date : 09-02-2023 Report Date : 14-02-2023 Report No. : ICE-2302140358 NABL ULR No. : TC592623000001761F Customer Ref. No. : Order No.5030010814 Letter Dated : 21.11.2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Gate No-3
Date of Monitoring	: 02-02-2023
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	: 1.31
Volume of air sampled, m ³	: 1960.38
Avg. Ambient Temperature, °C	: 13

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	9.79
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS: 5182 (P-6): 2017	80 Max	17.57
c.	Particulate Matter (PM ₁₀), µg/m ³	IS: 5182 (P-23): 2017	100 Max	102.58
d.	Particulate matter (PM _{2.5}), µg/m ³	IS: 5182 (P-24)-2019	60 Max	54.71
e.	Ammonia(NH ₃), µg/m ³	IS: 5182 (P-25): 2018	400 Max	32.57
f.	Lead(As Pb), µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)

Saurabh Sharma
14-02-2023
Reviewer

15-02-2023
PremKumar
[Authorized Signatory]

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2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	24.36
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, Requirements 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
14-02-2023
Reviewer


15-02-2023
PremKumar
[Authorized Signatory]

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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2302090246
	Sample Reg. Date :09-02-2023
	Report Date :14-02-2023
	Report No. :ICE-2302140357
	NABL ULR No. :TC592623000001742F
	Customer Ref. No. :Order No.5030010814
	Letter Dated :21.11.2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Block C-3
Date of Monitoring	: 02-02-2023
Time of Monitoring	: 11:40 Hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.30
Volume of air sampled,m3	: 1892.60
Avg. Ambient Temperature,°C	: 14

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	12.12
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS: 5182 (P-6): 2017	80 Max	18.17
c.	Particulate Matter (PM ₁₀),µg/m ³	IS: 5182 (P-23): 2017	100 Max	98.33
d.	Particulate matter (PM _{2.5}),µg/m ³	IS: 5182 (P-24)-2019	60 Max	48.82
e.	Ammonia(NH ₃),µg/m ³	IS: 5182 (P-25): 2018	400 Max	30.44
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)

Saurabh Sharma
Saurabh Sharma
14-02-2023
Reviewer

PremKumar
15-02-2023
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. :E01-2302090246 Sample Reg. Date :09-02-2023 Report Date :14-02-2023 Report No. :ICE-2302140357 NABL ULR No. :TC592623000001742F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	22.41
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, Requirements 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
14-02-2023
Reviewer


15-02-2023
PremKumar
[Authorized Signatory]

Disclaimer :

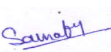
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2302090248 Sample Reg. Date :09-02-2023 Report Date :14-02-2023 Report No. :ICE-2302140359 NABL ULR No. :TC592623000001762F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Village Khanpur
Date of Monitoring	: 02-02-2023
Time of Monitoring	: 10:30 Hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.31
Volume of air sampled,m3	: 1934.11
Avg. Ambient Temperature,°C	: 10

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	16.51
c.	Particulate Matter (PM ₁₀),µg/m ³	IS: 5182 (P-23): 2017	100 Max	96.43
d.	Particulate matter (PM _{2.5}),µg/m ³	IS: 5182 (P-24)-2019	60 Max	52.19
e.	Ammonia(NH ₃),µg/m ³	IS: 5182 (P-25): 2018	400 Max	28.62
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


Saurabh Sharma
14-02-2023
Reviewer


15-02-2023
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. :E01-2302090248 Sample Reg. Date :09-02-2023 Report Date :14-02-2023 Report No. :ICE-2302140359 NABL ULR No. :TC592623000001762F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	23.45
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, Requirements 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
14-02-2023
Reviewer


15-02-2023
PremKumar
[Authorized Signatory]

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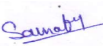
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2302090249 Sample Reg. Date :09-02-2023 Report Date :14-02-2023 Report No. :ICE-2302140360 NABL ULR No. :TC592623000001760F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Shakti Vihar
Date of Monitoring	: 02-02-2023
Time of Monitoring	: 1440
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.30
Volume of air sampled,m3	: 1879.50
Avg. Ambient Temperature,°C	: 16

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	10.74
b.	Nitrogen Dioxide(NO2),µg/m ³	IS: 5182 (P-6): 2017	80 Max	18.45
c.	Particulate Matter (PM10),µg/m3	IS: 5182 (P-23): 2017	100 Max	97.47
d.	Particulate matter (PM 2.5),µg/m3	IS: 5182 (P-24)-2019	60 Max	52.19
e.	Ammonia(NH3),µg/m ³	IS: 5182 (P-25): 2018	400 Max	32.59
f.	Lead(As Pb),µg/m3	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


 Saurabh Sharma
 14-02-2023
 Reviewer


 15-02-2023
 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. :E01-2302090249 Sample Reg. Date :09-02-2023 Report Date :14-02-2023 Report No. :ICE-2302140360 NABL ULR No. :TC592623000001760F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	26.75
b.	Carbon Monoxide(CO),mg/m ³	IS: 5182 (P-10): 2019	2 Max.	BLQ(LOQ:1.14)
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, Requirements 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
14-02-2023
Reviewer


15-02-2023
PremKumar
[Authorized Signatory]

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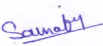
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2302100407 Sample Reg. Date :10-02-2023 Report Date :21-02-2023 Report No. :ICE-2302210832 NABL ULR No. :TC592623000002063F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Gate No.3
Date of Monitoring	: 06-02-2023
Time of Monitoring	: 11:10 Hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.3
Volume of air sampled,m3	: 1896.65
Avg. Ambient Temperature,°C	: 13

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	12.69
b.	Nitrogen Dioxide(NO2),µg/m ³	IS: 5182 (P-6): 2017	80 Max	15.45
c.	Particulate Matter (PM10),µg/m3	IS: 5182 (P-23): 2017	100 Max	104.55
d.	Particulate matter (PM 2.5),µg/m3	IS: 5182 (P-24)-2019	60 Max	58.50
e.	Ammonia(NH3),µg/m ³	IS: 5182 (P-25): 2018	400 Max	28.46
f.	Lead(As Pb),µg/m3	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


 Saurabh Sharma
 21-02-2023
 Reviewer


 22-02-2023
 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. :E01-2302100407 Sample Reg. Date :10-02-2023 Report Date :21-02-2023 Report No. :ICE-2302210832 NABL ULR No. :TC592623000002063F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	24.15
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)

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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
21-02-2023
Reviewer


22-02-2023
PremKumar
[Authorized Signatory]

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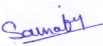
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2302100406 Sample Reg. Date :10-02-2023 Report Date :21-02-2023 Report No. :ICE-2302210831 NABL ULR No. :TC592623000002061F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Block C-3
Date of Monitoring	: 06-02-2023
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	: 1933.66
Avg. Ambient Temperature,°C	: 14

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	10.45
b.	Nitrogen Dioxide(NO2),µg/m ³	IS: 5182 (P-6): 2017	80 Max	17.46
c.	Particulate Matter (PM10),µg/m3	IS: 5182 (P-23): 2017	100 Max	105.75
d.	Particulate matter (PM 2.5),µg/m3	IS: 5182 (P-24)-2019	60 Max	63.13
e.	Ammonia(NH3),µg/m ³	IS: 5182 (P-25): 2018	400 Max	30.48
f.	Lead(As Pb),µg/m3	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


Saurabh Sharma
21-02-2023
Reviewer


22-02-2023
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. :E01-2302100406 Sample Reg. Date :10-02-2023 Report Date :21-02-2023 Report No. :ICE-2302210831 NABL ULR No. :TC592623000002061F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	24.72
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
21-02-2023
Reviewer


22-02-2023
PremKumar
[Authorized Signatory]

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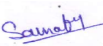
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2302100408 Sample Reg. Date :10-02-2023 Report Date :21-02-2023 Report No. :ICE-2302210834 NABL ULR No. :TC592623000002124F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Village - Khanpur
Date of Monitoring	: 06-02-2023
Time of Monitoring	: 10:40 Hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.28
Volume of air sampled,m3	: 1876.56
Avg. Ambient Temperature,°C	: 12

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	10.46
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS: 5182 (P-6): 2017	80 Max	14.27
c.	Particulate Matter (PM ₁₀),µg/m ³	IS: 5182 (P-23): 2017	100 Max	98.16
d.	Particulate matter (PM _{2.5}),µg/m ³	IS: 5182 (P-24)-2019	60 Max	54.29
e.	Ammonia(NH ₃),µg/m ³	IS: 5182 (P-25): 2018	400 Max	28.32
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ0.1)


 Saurabh Sharma
 21-02-2023
 Reviewer


 22-02-2023
 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. :E01-2302100408 Sample Reg. Date :10-02-2023 Report Date :21-02-2023 Report No. :ICE-2302210834 NABL ULR No. :TC592623000002124F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	25.16
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(LOQ1.0)
d.	Nickel(As Ni),ng/m ³	STP/ITC/EW/002	20 Max.	BLQ(LOQ1.0)

'#' represents Customer Defined Fields

NOTE : 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
21-02-2023
Reviewer


22-02-2023
PremKumar
[Authorized Signatory]

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2302100409 Sample Reg. Date :10-02-2023 Report Date :21-02-2023 Report No. :ICE-2302210833 NABL ULR No. :TC592623000002062F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Shakti Vihar
Date of Monitoring	: 06-02-2023
Time of Monitoring	: 12:30 Hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.27
Volume of air sampled,m3	: 1842.50
Avg. Ambient Temperature,°C	: 15

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	8.31
b.	Nitrogen Dioxide(NO2),µg/m ³	IS: 5182 (P-6): 2017	80 Max	15.48
c.	Particulate Matter (PM10),µg/m3	IS: 5182 (P-23): 2017	100 Max	96.44
d.	Particulate matter (PM 2.5),µg/m3	IS: 5182 (P-24)-2019	60 Max	52.19
e.	Ammonia(NH3),µg/m ³	IS: 5182 (P-25): 2018	400 Max	28.92
f.	Lead(As Pb),µg/m3	STP/ITC/EW/002	1.0 Max	BLQ(LOQ0.1)

Saurabh Sharma
Saurabh Sharma
21-02-2023
Reviewer

PremKumar
22-02-2023
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. :E01-2302100409 Sample Reg. Date :10-02-2023 Report Date :21-02-2023 Report No. :ICE-2302210833 NABL ULR No. :TC592623000002062F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	23.45
b.	Carbon Monoxide(CO),mg/m ³	IS: 5182 (P-10): 2019	2 Max.	BLQ(LOQ:1.14)
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(LOQ1.0)
d.	Nickel(As Ni),ng/m ³	STP/ITC/EW/002	20 Max.	BLQ(LOQ1.0)

'#' represents Customer Defined Fields

NOTE : 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
21-02-2023
Reviewer


22-02-2023
PremKumar
[Authorized Signatory]

Disclaimer :

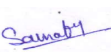
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2302150580 Sample Reg. Date :15-02-2023 Report Date :21-02-2023 Report No. :ICE-2302210788 NABL ULR No. :TC592623000002133F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Gate No.3
Date of Monitoring	: 09-02-2023
Time of Monitoring	: 11:30 Hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.28
Volume of air sampled,m3	: 1810.50
Avg. Ambient Temperature,°C	: 22

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	10.56
b.	Nitrogen Dioxide(NO2),µg/m ³	IS: 5182 (P-6): 2017	80 Max	18.37
c.	Particulate Matter (PM10),µg/m3	IS: 5182 (P-23): 2017	100 Max	104.67
d.	Particulate matter (PM 2.5),µg/m3	IS: 5182 (P-24)-2019	60 Max	52.61
e.	Ammonia(NH3),µg/m ³	IS: 5182 (P-25): 2018	400 Max	28.63
f.	Lead(As Pb),µg/m3	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


Saurabh Sharma
21-02-2023
Reviewer


22-02-2023
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. :E01-2302150580 Sample Reg. Date :15-02-2023 Report Date :21-02-2023 Report No. :ICE-2302210788 NABL ULR No. :TC592623000002133F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	22.45
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
21-02-2023
Reviewer


22-02-2023
PremKumar
[Authorized Signatory]

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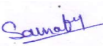
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2302150579 Sample Reg. Date :15-02-2023 Report Date :21-02-2023 Report No. :ICE-2302210787 NABL ULR No. :TC592623000002135F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Block C-6
Date of Monitoring	: 09-02-2023
Time of Monitoring	: 12:20 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	: 1869.60
Avg. Ambient Temperature,°C	: 22

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	8.51
b.	Nitrogen Dioxide(NO2),µg/m ³	IS: 5182 (P-6): 2017	80 Max	14.29
c.	Particulate Matter (PM10),µg/m3	IS: 5182 (P-23): 2017	100 Max	97.29
d.	Particulate matter (PM 2.5),µg/m3	IS: 5182 (P-24)-2019	60 Max	49.24
e.	Ammonia(NH3),µg/m ³	IS: 5182 (P-25): 2018	400 Max	32.54
f.	Lead(As Pb),µg/m3	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


 Saurabh Sharma
 21-02-2023
 Reviewer


 22-02-2023
 PremKumar
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Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2302150579 Sample Reg. Date :15-02-2023 Report Date :21-02-2023 Report No. :ICE-2302210787 NABL ULR No. :TC592623000002135F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	28.05
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
21-02-2023
Reviewer


22-02-2023
PremKumar
[Authorized Signatory]

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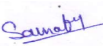
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2302150581 Sample Reg. Date :15-02-2023 Report Date :21-02-2023 Report No. :ICE-2302210790 NABL ULR No. :TC592623000002014F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Village-Khanpur
Date of Monitoring	: 09-02-2023
Time of Monitoring	: 11:00 Hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.31
Volume of air sampled,m3	: 1911.24
Avg. Ambient Temperature,°C	: 13

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	9.45
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS: 5182 (P-6): 2017	80 Max	17.39
c.	Particulate Matter (PM ₁₀),µg/m ³	IS: 5182 (P-23): 2017	100 Max	93.29
d.	Particulate matter (PM _{2.5}),µg/m ³	IS: 5182 (P-24)-2019	60 Max	38.30
e.	Ammonia(NH ₃),µg/m ³	IS: 5182 (P-25): 2018	400 Max	30.07
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


Saurabh Sharma
21-02-2023
Reviewer


22-02-2023
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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. :E01-2302150581 Sample Reg. Date :15-02-2023 Report Date :21-02-2023 Report No. :ICE-2302210790 NABL ULR No. :TC592623000002014F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	24.36
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)

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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
21-02-2023
Reviewer


22-02-2023
PremKumar
[Authorized Signatory]

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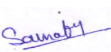
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2302150582 Sample Reg. Date :15-02-2023 Report Date :21-02-2023 Report No. :ICE-2302210789 NABL ULR No. :TC592623000002132F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Shakti Vihar
Date of Monitoring	: 09-02-2023
Time of Monitoring	: 12:50 Hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.29
Volume of air sampled,m3	: 1827.11
Avg. Ambient Temperature,°C	: 22

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	8.37
b.	Nitrogen Dioxide(NO2),µg/m ³	IS: 5182 (P-6): 2017	80 Max	16.40
c.	Particulate Matter (PM10),µg/m3	IS: 5182 (P-23): 2017	100 Max	92.17
d.	Particulate matter (PM 2.5),µg/m3	IS: 5182 (P-24)-2019	60 Max	37.04
e.	Ammonia(NH3),µg/m ³	IS: 5182 (P-25): 2018	400 Max	28.28
f.	Lead(As Pb),µg/m3	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


 Saurabh Sharma
 21-02-2023
 Reviewer


 22-02-2023
 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. :E01-2302150582 Sample Reg. Date :15-02-2023 Report Date :21-02-2023 Report No. :ICE-2302210789 NABL ULR No. :TC592623000002132F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	23.16
b.	Carbon Monoxide(CO),mg/m ³	IS: 5182 (P-10): 2019	2 Max.	BLQ(LOQ:1.14)
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
21-02-2023
Reviewer


22-02-2023
PremKumar
[Authorized Signatory]

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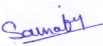
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2302160600 Sample Reg. Date :16-02-2023 Report Date :21-02-2023 Report No. :ICE-2302210784 NABL ULR No. :TC592623000002059F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Gate No.3
Date of Monitoring	: 13-02-2023
Time of Monitoring	: 11:30 Hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.3
Volume of air sampled,m3	: 1835.05
Avg. Ambient Temperature,°C	: 23

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	10.59
b.	Nitrogen Dioxide(NO2),µg/m ³	IS: 5182 (P-6): 2017	80 Max	18.35
c.	Particulate Matter (PM10),µg/m3	IS: 5182 (P-23): 2017	100 Max	95.37
d.	Particulate matter (PM 2.5),µg/m3	IS: 5182 (P-24)-2019	60 Max	42.09
e.	Ammonia(NH3),µg/m ³	IS: 5182 (P-25): 2018	400 Max	30.56
f.	Lead(As Pb),µg/m3	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


Saurabh Sharma
21-02-2023
Reviewer


22-02-2023
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. :E01-2302160600 Sample Reg. Date :16-02-2023 Report Date :21-02-2023 Report No. :ICE-2302210784 NABL ULR No. :TC592623000002059F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	24.65
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
21-02-2023
Reviewer


22-02-2023
PremKumar
[Authorized Signatory]

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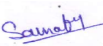
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2302160599 Sample Reg. Date :16-02-2023 Report Date :21-02-2023 Report No. :ICE-2302210777 NABL ULR No. :TC592623000002030F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Block C-3
Date of Monitoring	: 13-02-2023
Time of Monitoring	: 11:55 Hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.29
Volume of air sampled,m3	: 1814.81
Avg. Ambient Temperature,°C	: 24

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	8.36
b.	Nitrogen Dioxide(NO2),µg/m ³	IS: 5182 (P-6): 2017	80 Max	18.96
c.	Particulate Matter (PM10),µg/m3	IS: 5182 (P-23): 2017	100 Max	90.64
d.	Particulate matter (PM 2.5),µg/m3	IS: 5182 (P-24)-2019	60 Max	36.62
e.	Ammonia(NH3),µg/m ³	IS: 5182 (P-25): 2018	400 Max	28.36
f.	Lead(As Pb),µg/m3	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


Saurabh Sharma
21-02-2023
Reviewer


22-02-2023
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. :E01-2302160599 Sample Reg. Date :16-02-2023 Report Date :21-02-2023 Report No. :ICE-2302210777 NABL ULR No. :TC592623000002030F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	23.78
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
21-02-2023
Reviewer


22-02-2023
PremKumar
[Authorized Signatory]

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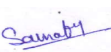
Test Report

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Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2302160601 Sample Reg. Date :16-02-2023 Report Date :21-02-2023 Report No. :ICE-2302210785 NABL ULR No. :TC592623000002071F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Village-Khanpur
Date of Monitoring	: 13-02-2023
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	: 1877.40
Avg. Ambient Temperature,°C	: 23

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	11.82
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS: 5182 (P-6): 2017	80 Max	17.38
c.	Particulate Matter (PM ₁₀),µg/m ³	IS: 5182 (P-23): 2017	100 Max	88.26
d.	Particulate matter (PM _{2.5}),µg/m ³	IS: 5182 (P-24)-2019	60 Max	40.82
e.	Ammonia(NH ₃),µg/m ³	IS: 5182 (P-25): 2018	400 Max	28.48
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


Saurabh Sharma
21-02-2023
Reviewer


22-02-2023
PremKumar
[Authorized Signatory]

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2302160601 Sample Reg. Date :16-02-2023 Report Date :21-02-2023 Report No. :ICE-2302210785 NABL ULR No. :TC592623000002071F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	24.28
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
21-02-2023
Reviewer


22-02-2023
PremKumar
[Authorized Signatory]

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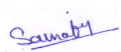
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2302160602 Sample Reg. Date :16-02-2023 Report Date :21-02-2023 Report No. :ICE-2302210786 NABL ULR No. :TC592623000002072F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Shakti Vihar
Date of Monitoring	: 13-02-2023
Time of Monitoring	: 12:30 Hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.18
Volume of air sampled,m3	: 1660.05
Avg. Ambient Temperature,°C	: 24

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	7.26
b.	Nitrogen Dioxide(NO2),µg/m ³	IS: 5182 (P-6): 2017	80 Max	15.37
c.	Particulate Matter (PM10),µg/m3	IS: 5182 (P-23): 2017	100 Max	89.33
d.	Particulate matter (PM 2.5),µg/m3	IS: 5182 (P-24)-2019	60 Max	35.77
e.	Ammonia(NH3),µg/m ³	IS: 5182 (P-25): 2018	400 Max	30.88
f.	Lead(As Pb),µg/m3	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


 Saurabh Sharma
 21-02-2023
 Reviewer


 22-02-2023
 PremKumar
 [Authorized Signatory]

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2302160602 Sample Reg. Date :16-02-2023 Report Date :21-02-2023 Report No. :ICE-2302210786 NABL ULR No. :TC592623000002072F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

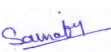
2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	27.18
b.	Carbon Monoxide(CO),mg/m ³	IS: 5182 (P-10): 2019	2 Max.	BLQ(LOQ:1.14)
3.	Ambient Air Quality Parameters(Time weighted Avg- Annual*)			
a.	Benzene(C ₆ H ₆),µg/m ³	IS: 5182 (P-11): 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
21-02-2023
Reviewer


22-02-2023
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[Authorized Signatory]

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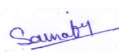
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2302230920 Sample Reg. Date :23-02-2023 Report Date :28-02-2023 Report No. :ICE-2302281204 NABL ULR No. :TC592623000004302F Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Gate No.3
Date of Monitoring	: 16-02-2023
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	: 1869.60
Avg. Ambient Temperature,°C	: 22

Description					
Description		Ambient Air Quality Monitoring			
S.No.	Parameters	Instrument	Method	Specification	Result
1.	Ambient Air Quality Parameters(Time weighted Avg- 24 Hours)				
a.	Sulphur Dioxide(SO ₂),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-2): 2017	80 Max	9.67
b.	Nitrogen Dioxide(NO ₂),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-6): 2017	80 Max	15.37
c.	Particulate Matter (PM ₁₀),µg/m ³	Gravimetric	IS: 5182 (P-23): 2017	100 Max	108.58
d.	Particulate matter (PM 2.5),µg/m ³	Gravimetric	IS: 5182 (P-24)-2019	60 Max	58.50


Saurabh Sharma
28-02-2023
Reviewer


28-02-2023
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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. :E01-2302230920 Sample Reg. Date :23-02-2023 Report Date :28-02-2023 Report No. :ICE-2302281204 NABL ULR No. :TC592623000004302F Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

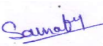
e.	Ammonia(NH ₃),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-25):2018	400 Max	32.54
f.	Lead(As Pb),µg/m ³	ICPOES	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)
2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)				
a.	Ozone(O ₃),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-9): 2019	100 Max.	27.62
b.	Carbon Monoxide(CO),mg/m ³	GC	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	GC	IS: 5182 (P-11): 2017	5 Max	BLQ(LOQ:1.0)
b.	Benzo(a) Pyrene Particulate Phase only,ng/m ³	GCMSMS	IS: 5182 (P-12): 2019	1 Max	BLQ(LOQ:0.5)
c.	Arsenic(as As),ng/m ³	ICPOES	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
d.	Nickel(As Ni),ng/m ³	ICPOES	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
28-02-2023
Reviewer


28-02-2023
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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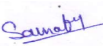
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2302230919 Sample Reg. Date :23-02-2023 Report Date :28-02-2023 Report No. :ICE-2302281256 NABL ULR No. :TC592623000004301F Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Block C-6
Date of Monitoring	: 16-02-2023
Time of Monitoring	: 11:40 Hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.30
Volume of air sampled,m3	: 1841.27
Avg. Ambient Temperature,°C	: 22

Description					
Description	Ambient Air Quality Monitoring				
S.No.	Parameters	Instrument	Method	Specification	Result
1.	Ambient Air Quality Parameters(Time weighted Avg- 24 Hours)				
a.	Sulphur Dioxide(SO ₂),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-2): 2017	80 Max	7.35
b.	Nitrogen Dioxide(NO ₂),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-6): 2017	80 Max	16.40
c.	Particulate Matter (PM ₁₀),µg/m ³	Gravimetric	IS: 5182 (P-23): 2017	100 Max	106.56
d.	Particulate matter (PM 2.5),µg/m ³	Gravimetric	IS: 5182 (P-24)-2019	60 Max	54.24


Saurabh Sharma
28-02-2023
Reviewer


28-02-2023
PremKumar
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2302230919 Sample Reg. Date :23-02-2023 Report Date :28-02-2023 Report No. :ICE-2302281256 NABL ULR No. :TC592623000004301F Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

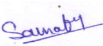
e.	Ammonia(NH ₃),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-25):2018	400 Max	28.38
f.	Lead(As Pb),µg/m ³	ICPOES	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)
2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)				
a.	Ozone(O ₃),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-9): 2019	100 Max.	23.86
b.	Carbon Monoxide(CO),mg/m ³	GC	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	GC	IS: 5182 (P-11): 2017	5 Max	BLQ(LOQ:1.0)
b.	Benzo(a) Pyrene Particulate Phase only,ng/m ³	GCMSMS	IS: 5182 (P-12): 2019	1 Max	BLQ(LOQ:0.5)
c.	Arsenic(as As),ng/m ³	ICPOES	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
d.	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 :*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
28-02-2023
Reviewer


28-02-2023
PremKumar
[Authorized Signatory]

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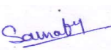
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2302230921 Sample Reg. Date :23-02-2023 Report Date :28-02-2023 Report No. :ICE-2302281205 NABL ULR No. :TC592623000004303F Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Village -Khanpur
Date of Monitoring	: 16-02-2023
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	: 1849.06
Avg. Ambient Temperature,°C	: 20

Description					
Description		Ambient Air Quality Monitoring			
S.No.	Parameters	Instrument	Method	Specification	Result
1.	Ambient Air Quality Parameters(Time weighted Avg- 24 Hours)				
a.	Sulphur Dioxide(SO ₂),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-2): 2017	80 Max	10.22
b.	Nitrogen Dioxide(NO ₂),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-6): 2017	80 Max	13.56
c.	Particulate Matter (PM ₁₀),µg/m ³	Gravimetric	IS: 5182 (P-23): 2017	100 Max	102.69
d.	Particulate matter (PM 2.5),µg/m ³	Gravimetric	IS: 5182 (P-24)-2019	60 Max	52.61


Saurabh Sharma
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2302230921 Sample Reg. Date :23-02-2023 Report Date :28-02-2023 Report No. :ICE-2302281205 NABL ULR No. :TC592623000004303F Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

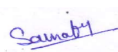
e.	Ammonia(NH ₃),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-25):2018	400 Max	27.40
f.	Lead(As Pb),µg/m ³	ICPOES	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)
2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)				
a.	Ozone(O ₃),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-9): 2019	100 Max.	22.85
b.	Carbon Monoxide(CO),mg/m ³	GC	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	GC	IS: 5182 (P-11): 2017	5 Max	BLQ(LOQ:1.0)
b.	Benzo(a) Pyrene Particulate Phase only,ng/m ³	GCMSMS	IS: 5182 (P-12): 2019	1 Max	BLQ(LOQ:0.5)
c.	Arsenic(as As),ng/m ³	ICPOES	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
d.	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 :*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
28-02-2023
Reviewer


28-02-2023
PremKumar
[Authorized Signatory]

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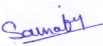
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2302230922 Sample Reg. Date :23-02-2023 Report Date :28-02-2023 Report No. :ICE-2302281206 NABL ULR No. :TC592623000004304F Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Shakti Vihar
Date of Monitoring	: 16-02-2023
Time of Monitoring	: 12:20 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	: 1874.86
Avg. Ambient Temperature, °C	: 23

Description					
Description		Ambient Air Quality Monitoring			
S.No.	Parameters	Instrument	Method	Specification	Result
1.	Ambient Air Quality Parameters(Time weighted Avg- 24 Hours)				
a.	Sulphur Dioxide(SO ₂), µg/m ³	UV-Spectrophotometer	IS: 5182 (P-2): 2017	80 Max	8.55
b.	Nitrogen Dioxide(NO ₂), µg/m ³	UV-Spectrophotometer	IS: 5182 (P-6): 2017	80 Max	17.35
c.	Particulate Matter (PM ₁₀), µg/m ³	Gravimetric	IS: 5182 (P-23): 2017	100 Max	98.67
d.	Particulate matter (PM 2.5), µg/m ³	Gravimetric	IS: 5182 (P-24)-2019	60 Max	50.93


Saurabh Sharma
28-02-2023
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28-02-2023
Prem Kumar
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2302230922 Sample Reg. Date :23-02-2023 Report Date :28-02-2023 Report No. :ICE-2302281206 NABL ULR No. :TC592623000004304F Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

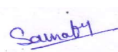
e.	Ammonia(NH ₃),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-25):2018	400 Max	27.68
f.	Lead(As Pb),µg/m ³	ICPOES	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)
2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)				
a.	Ozone(O ₃),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-9): 2019	100 Max.	22.86
b.	Carbon Monoxide(CO),mg/m ³	GC	IS: 5182 (P-10): 2019	2 Max.	BLQ(LOQ:1.14)
3.	Ambient Air Quality Parameters(Time weighted Avg- Annual*)				
a.	Benzene(C ₆ H ₆),µg/m ³	GC	IS: 5182 (P-11): 2017	5 Max	BLQ(LOQ:1.0)
b.	Benzo(a) Pyrene Particulate Phase only,ng/m ³	GCMSMS	IS: 5182 (P-12): 2019	1 Max	BLQ(LOQ:0.5)
c.	Arsenic(as As),ng/m ³	ICPOES	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
d.	Nickel(As Ni),ng/m ³	ICPOES	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
28-02-2023
Reviewer


28-02-2023
PremKumar
[Authorized Signatory]

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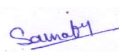
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2302241021 Sample Reg. Date :24-02-2023 Report Date :01-03-2023 Report No. :ICE-2303010002 NABL ULR No. :TC592623000004294F Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Gate No.3
Date of Monitoring	: 20-02-2023
Time of Monitoring	: 11:00 Hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.31
Volume of air sampled,m3	: 1826.98
Avg. Ambient Temperature,°C	: 27

Description					
Description		Ambient Air Quality Monitoring			
S.No.	Parameters	Instrument	Method	Specification	Result
1.	Ambient Air Quality Parameters(Time weighted Avg- 24 Hours)				
a.	Sulphur Dioxide(SO ₂),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-2): 2017	80 Max	8.64
b.	Nitrogen Dioxide(NO ₂),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-6): 2017	80 Max	19.51
c.	Particulate Matter (PM ₁₀),µg/m ³	Gravimetric	IS: 5182 (P-23): 2017	100 Max	105.86
d.	Particulate matter (PM 2.5),µg/m ³	Gravimetric	IS: 5182 (P-24)-2019	60 Max	56.40


Saurabh Sharma
01-03-2023
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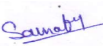
e.	Ammonia(NH ₃),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-25):2018	400 Max	36.53
f.	Lead(As Pb),µg/m ³	ICPOES	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)
2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)				
a.	Ozone(O ₃),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-9): 2019	100 Max.	28.42
b.	Carbon Monoxide(CO),mg/m ³	GC	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	GC	IS: 5182 (P-11): 2017	5 Max	BLQ(LOQ:1.0)
b.	Benzo(a) Pyrene Particulate Phase only,ng/m ³	GCMSMS	IS: 5182 (P-12): 2019	1 Max	BLQ(LOQ:0.5)
c.	Arsenic(as As),ng/m ³	ICPOES	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
d.	Nickel(As Ni),ng/m ³	ICPOES	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
01-03-2023
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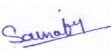
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2302241020 Sample Reg. Date :24-02-2023 Report Date :01-03-2023 Report No. :ICE-2303010001 NABL ULR No. :TC592623000004293F Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Block C-3
Date of Monitoring	: 20-02-2023
Time of Monitoring	: 11:30 Hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.30
Volume of air sampled,m3	: 1813.03
Avg. Ambient Temperature,°C	: 27

Description					
Description	Ambient Air Quality Monitoring				
S.No.	Parameters	Instrument	Method	Specification	Result
1.	Ambient Air Quality Parameters(Time weighted Avg- 24 Hours)				
a.	Sulphur Dioxide(SO ₂),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-2): 2017	80 Max	7.53
b.	Nitrogen Dioxide(NO ₂),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-6): 2017	80 Max	18.63
c.	Particulate Matter (PM ₁₀),µg/m ³	Gravimetric	IS: 5182 (P-23): 2017	100 Max	102.59
d.	Particulate matter (PM 2.5),µg/m ³	Gravimetric	IS: 5182 (P-24)-2019	60 Max	57.66


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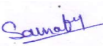
e.	Ammonia(NH ₃),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-25):2018	400 Max	27.51
f.	Lead(As Pb),µg/m ³	ICPOES	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)
2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)				
a.	Ozone(O ₃),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-9): 2019	100 Max.	32.73
b.	Carbon Monoxide(CO),mg/m ³	GC	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	GC	IS: 5182 (P-11): 2017	5 Max	BLQ(LOQ:1.0)
b.	Benzo(a) Pyrene Particulate Phase only,ng/m ³	GCMSMS	IS: 5182 (P-12): 2019	1 Max	BLQ(LOQ:0.5)
c.	Arsenic(as As),ng/m ³	ICPOES	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
d.	Nickel(As Ni),ng/m ³	ICPOES	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

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01-03-2023
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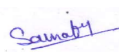
Document QF : 2501

Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2302241022 Sample Reg. Date :24-02-2023 Report Date :01-03-2023 Report No. :ICE-2303010003 NABL ULR No. :TC592623000004295F Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Village-Khanpur
Date of Monitoring	: 20-02-2023
Time of Monitoring	: 10:30 Hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.31
Volume of air sampled,m3	: 1861.07
Avg. Ambient Temperature,°C	: 26

Description					
Description		Ambient Air Quality Monitoring			
S.No.	Parameters	Instrument	Method	Specification	Result
1.	Ambient Air Quality Parameters(Time weighted Avg- 24 Hours)				
a.	Sulphur Dioxide(SO ₂),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-2): 2017	80 Max	7.51
b.	Nitrogen Dioxide(NO ₂),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-6): 2017	80 Max	15.83
c.	Particulate Matter (PM ₁₀),µg/m ³	Gravimetric	IS: 5182 (P-23): 2017	100 Max	94.25
d.	Particulate matter (PM 2.5),µg/m ³	Gravimetric	IS: 5182 (P-24)-2019	60 Max	52.26


Saurabh Sharma
01-03-2023
Reviewer


01-03-2023
PremKumar
[Authorized Signatory]

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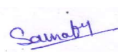
e.	Ammonia(NH ₃),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-25):2018	400 Max	29.46
f.	Lead(As Pb),µg/m ³	ICPOES	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)
2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)				
a.	Ozone(O ₃),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-9): 2019	100 Max.	22.48
b.	Carbon Monoxide(CO),mg/m ³	GC	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	GC	IS: 5182 (P-11): 2017	5 Max	BLQ(LOQ:1.0)
b.	Benzo(a) Pyrene Particulate Phase only,ng/m ³	GCMSMS	IS: 5182 (P-12): 2019	1 Max	BLQ(LOQ:0.5)
c.	Arsenic(as As),ng/m ³	ICPOES	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
d.	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 :*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
01-03-2023
Reviewer


01-03-2023
PremKumar
[Authorized Signatory]

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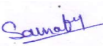
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2302241023 Sample Reg. Date :24-02-2023 Report Date :01-03-2023 Report No. :ICE-2303010004 NABL ULR No. :TC592623000004296F Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Shakti Vihar
Date of Monitoring	: 20-02-2023
Time of Monitoring	: 12:40 Hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.26
Volume of air sampled,m3	: 1751.41
Avg. Ambient Temperature,°C	: 28

Description					
Description	Ambient Air Quality Monitoring				
S.No.	Parameters	Instrument	Method	Specification	Result
1.	Ambient Air Quality Parameters(Time weighted Avg- 24 Hours)				
a.	Sulphur Dioxide(SO ₂),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-2): 2017	80 Max	9.29
b.	Nitrogen Dioxide(NO ₂),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-6): 2017	80 Max	14.83
c.	Particulate Matter (PM ₁₀),µg/m ³	Gravimetric	IS: 5182 (P-23): 2017	100 Max	92.44
d.	Particulate matter (PM 2.5),µg/m ³	Gravimetric	IS: 5182 (P-24)-2019	60 Max	46.72


Saurabh Sharma
01-03-2023
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Page 2 of 2

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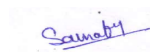
e.	Ammonia(NH ₃),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-25):2018	400 Max	28.39
f.	Lead(As Pb),µg/m ³	ICPOES	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)
2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)				
a.	Ozone(O ₃),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-9): 2019	100 Max.	24.66
b.	Carbon Monoxide(CO),mg/m ³	GC	IS: 5182 (P-10): 2019	2 Max.	BLQ(LOQ:1.14)
3.	Ambient Air Quality Parameters(Time weighted Avg- Annual*)				
a.	Benzene(C ₆ H ₆),µg/m ³	GC	IS: 5182 (P-11): 2017	5 Max	BLQ(LOQ:1.0)
b.	Benzo(a) Pyrene Particulate Phase only,ng/m ³	GCMSMS	IS: 5182 (P-12): 2019	1 Max	BLQ(LOQ:0.5)
c.	Arsenic(as As),ng/m ³	ICPOES	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
d.	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 :*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
01-03-2023
Reviewer


01-03-2023
PremKumar
[Authorized Signatory]

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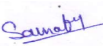
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2302241025 Sample Reg. Date :24-02-2023 Report Date :01-03-2023 Report No. :ICE-2303010020 NABL ULR No. :TC592623000004298F Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Gate No.3
Date of Monitoring	: 23-02-2023
Time of Monitoring	: 11:30 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.31
Volume of air sampled,m3	: 1864.26
Avg. Ambient Temperature,°C	: 21

Description					
Description	Ambient Air Quality Monitoring				
S.No.	Parameters	Instrument	Method	Specification	Result
1.	Ambient Air Quality Parameters(Time weighted Avg- 24 Hours)				
a.	Sulphur Dioxide(SO ₂),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-2): 2017	80 Max	12.53
b.	Nitrogen Dioxide(NO ₂),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-6): 2017	80 Max	17.51
c.	Particulate Matter (PM ₁₀),µg/m ³	Gravimetric	IS: 5182 (P-23): 2017	100 Max	103.58
d.	Particulate matter (PM 2.5),µg/m ³	Gravimetric	IS: 5182 (P-24)-2019	60 Max	56.40


Saurabh Sharma
01-03-2023
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2302241025 Sample Reg. Date :24-02-2023 Report Date :01-03-2023 Report No. :ICE-2303010020 NABL ULR No. :TC592623000004298F Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

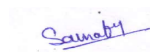
e.	Ammonia(NH ₃),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-25):2018	400 Max	27.31
f.	Lead(As Pb),µg/m ³	ICPOES	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)
2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)				
a.	Ozone(O ₃),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-9): 2019	100 Max.	24.30
b.	Carbon Monoxide(CO),mg/m ³	GC	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	GC	IS: 5182 (P-11): 2017	5 Max	BLQ(LOQ:1.0)
b.	Benzo(a) Pyrene Particulate Phase only,ng/m ³	GCMSMS	IS: 5182 (P-12): 2019	1 Max	BLQ(LOQ:0.5)
c.	Arsenic(as As),ng/m ³	ICPOES	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
d.	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 :*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
01-03-2023
Reviewer


01-03-2023
PremKumar
[Authorized Signatory]

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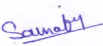
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Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Block C-6
Date of Monitoring	: 23-02-2023
Time of Monitoring	: 11:50 Hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.31
Volume of air sampled,m3	: 1851.67
Avg. Ambient Temperature,°C	: 23

Description					
Description	Ambient Air Quality Monitoring				
S.No.	Parameters	Instrument	Method	Specification	Result
1.	Ambient Air Quality Parameters(Time weighted Avg- 24 Hours)				
a.	Sulphur Dioxide(SO ₂),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-2): 2017	80 Max	10.57
b.	Nitrogen Dioxide(NO ₂),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-6): 2017	80 Max	17.53
c.	Particulate Matter (PM ₁₀),µg/m ³	Gravimetric	IS: 5182 (P-23): 2017	100 Max	96.56
d.	Particulate matter (PM 2.5),µg/m ³	Gravimetric	IS: 5182 (P-24)-2019	60 Max	48.40


Saurabh Sharma
01-03-2023
Reviewer


01-03-2023
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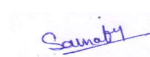
e.	Ammonia(NH ₃),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-25):2018	400 Max	27.50
f.	Lead(As Pb),µg/m ³	ICPOES	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)
2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)				
a.	Ozone(O ₃),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-9): 2019	100 Max.	22.53
b.	Carbon Monoxide(CO),mg/m ³	GC	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	GC	IS: 5182 (P-11): 2017	5 Max	BLQ(LOQ:1.0)
b.	Benzo(a) Pyrene Particulate Phase only,ng/m ³	GCMSMS	IS: 5182 (P-12): 2019	1 Max	BLQ(LOQ:0.5)
c.	Arsenic(as As),ng/m ³	ICPOES	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
d.	Nickel(As Ni),ng/m ³	ICPOES	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
01-03-2023
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01-03-2023
PremKumar
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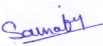
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2302241026 Sample Reg. Date :24-02-2023 Report Date :01-03-2023 Report No. :ICE-2303010006 NABL ULR No. :TC592623000004299F Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Village-Khanpur
Date of Monitoring	: 23-02-2023
Time of Monitoring	: 11:00 Hrs
Purpose of Monitoring	: To assess the Pollution level
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.28
Volume of air sampled,m3	: 1827.79
Avg. Ambient Temperature,°C	: 20

Description					
Description	Ambient Air Quality Monitoring				
S.No.	Parameters	Instrument	Method	Specification	Result
1.	Ambient Air Quality Parameters(Time weighted Avg- 24 Hours)				
a.	Sulphur Dioxide(SO ₂),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-2): 2017	80 Max	10.60
b.	Nitrogen Dioxide(NO ₂),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-6): 2017	80 Max	16.53
c.	Particulate Matter (PM ₁₀),µg/m ³	Gravimetric	IS: 5182 (P-23): 2017	100 Max	96.46
d.	Particulate matter (PM 2.5),µg/m ³	Gravimetric	IS: 5182 (P-24)-2019	60 Max	53.87


Saurabh Sharma
01-03-2023
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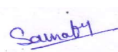
e.	Ammonia(NH ₃),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-25):2018	400 Max	32.48
f.	Lead(As Pb),µg/m ³	ICPOES	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)
2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)				
a.	Ozone(O ₃),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-9): 2019	100 Max.	26.81
b.	Carbon Monoxide(CO),mg/m ³	GC	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	GC	IS: 5182 (P-11): 2017	5 Max	BLQ(LOQ:1.0)
b.	Benzo(a) Pyrene Particulate Phase only,ng/m ³	GCMSMS	IS: 5182 (P-12): 2019	1 Max	BLQ(LOQ:0.5)
c.	Arsenic(as As),ng/m ³	ICPOES	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
d.	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 :*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
 01-03-2023
 Reviewer


 01-03-2023
 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

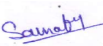
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Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2302241027 Sample Reg. Date :24-02-2023 Report Date :01-03-2023 Report No. :ICE-2303010009 NABL ULR No. :TC592623000004300F Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Shakti Vihar
Date of Monitoring	: 23-02-2023
Time of Monitoring	: 12:50 Hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.30
Volume of air sampled,m3	: 1819.10
Avg. Ambient Temperature,°C	: 26

Description					
Description		Ambient Air Quality Monitoring			
S.No.	Parameters	Instrument	Method	Specification	Result
1.	Ambient Air Quality Parameters(Time weighted Avg- 24 Hours)				
a.	Sulphur Dioxide(SO ₂),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-2): 2017	80 Max	9.51
b.	Nitrogen Dioxide(NO ₂),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-6): 2017	80 Max	15.94
c.	Particulate Matter (PM ₁₀),µg/m ³	Gravimetric	IS: 5182 (P-23): 2017	100 Max	93.73
d.	Particulate matter (PM 2.5),µg/m ³	Gravimetric	IS: 5182 (P-24)-2019	60 Max	46.30


Saurabh Sharma
01-03-2023
Reviewer


01-03-2023
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. :E01-2302241027 Sample Reg. Date :24-02-2023 Report Date :01-03-2023 Report No. :ICE-2303010009 NABL ULR No. :TC592623000004300F Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

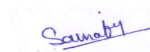
e.	Ammonia(NH ₃),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-25):2018	400 Max	32.51
f.	Lead(As Pb),µg/m ³	ICPOES	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)
2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)				
a.	Ozone(O ₃),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-9): 2019	100 Max.	28.26
b.	Carbon Monoxide(CO),mg/m ³	GC	IS: 5182 (P-10): 2019	2 Max.	BLQ(LOQ:1.14)
3.	Ambient Air Quality Parameters(Time weighted Avg- Annual*)				
a.	Benzene(C ₆ H ₆),µg/m ³	GC	IS: 5182 (P-11): 2017	5 Max	BLQ(LOQ:1.0)
b.	Benzo(a) Pyrene Particulate Phase only,ng/m ³	GCMSMS	IS: 5182 (P-12): 2019	1 Max	BLQ(LOQ:0.5)
c.	Arsenic(as As),ng/m ³	ICPOES	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
d.	Nickel(As Ni),ng/m ³	ICPOES	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
 01-03-2023
 Reviewer


 01-03-2023
 PremKumar
 [Authorized Signatory]

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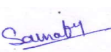
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2303010008
	Sample Reg. Date :01-03-2023
	Report Date :09-03-2023
	Report No. :ICE-2303090242
	NABL ULR No. :TC592623000002548F
	Customer Ref. No. :Order No.5030010814
	Letter Dated :21.11.2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Gate No.3
Date of Monitoring	: 27-02-2023
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	: 1883.76
Avg. Ambient Temperature,°C	: 22

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	7.32
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS: 5182 (P-6): 2017	80 Max	16.58
c.	Particulate Matter (PM ₁₀),µg/m ³	IS: 5182 (P-23): 2017	100 Max	101.32
d.	Particulate matter (PM _{2.5}),µg/m ³	IS: 5182 (P-24)-2019	60 Max	54.25
e.	Ammonia(NH ₃),µg/m ³	IS: 5182 (P-25): 2018	400 Max	31.25
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


Saurabh Sharma
09-03-2023
Reviewer


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PremKumar
[Authorized Signatory]

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2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	24.32
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)

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

REMARKS : *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
09-03-2023
Reviewer


09-03-2023
PremKumar
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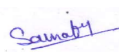
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Test Report

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Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Block C-3
Date of Monitoring	: 27-02-2023
Time of Monitoring	: 11:50 Hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.26
Volume of air sampled,m3	: 1808.82
Avg. Ambient Temperature,°C	: 23

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	17.24
c.	Particulate Matter (PM ₁₀),µg/m ³	IS: 5182 (P-23): 2017	100 Max	95.36
d.	Particulate matter (PM _{2.5}),µg/m ³	IS: 5182 (P-24)-2019	60 Max	56.24
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
09-03-2023
Reviewer


09-03-2023
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Page 2 of 2

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2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	26.32
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, Requirements 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
09-03-2023
Reviewer


09-03-2023
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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. :E01-2303010009 Sample Reg. Date :01-03-2023 Report Date :09-03-2023 Report No. :ICE-2303090243 NABL ULR No. :TC592623000002559F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Village-Khanpur
Date of Monitoring	: 27-02-2023
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	: 1861.75
Avg. Ambient Temperature,°C	: 21

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	9.32
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS: 5182 (P-6): 2017	80 Max	14.25
c.	Particulate Matter (PM ₁₀),µg/m ³	IS: 5182 (P-23): 2017	100 Max	107.22
d.	Particulate matter (PM _{2.5}),µg/m ³	IS: 5182 (P-24)-2019	60 Max	56.25
e.	Ammonia(NH ₃),µg/m ³	IS: 5182 (P-25): 2018	400 Max	31.25
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)

Saurabh Sharma
Saurabh Sharma
09-03-2023
Reviewer

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09-03-2023
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2303010009 Sample Reg. Date :01-03-2023 Report Date :09-03-2023 Report No. :ICE-2303090243 NABL ULR No. :TC592623000002559F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	29.32
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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*****End Of Report*****


Saurabh Sharma
09-03-2023
Reviewer


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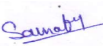
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Test Report

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Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Shakti Vihar
Date of Monitoring	: 27-02-2023
Time of Monitoring	: 12:30 Hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.30
Volume of air sampled,m3	: 1835.05
Avg. Ambient Temperature,°C	: 23

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	6.78
b.	Nitrogen Dioxide(NO2),µg/m ³	IS: 5182 (P-6): 2017	80 Max	16.25
c.	Particulate Matter (PM10),µg/m3	IS: 5182 (P-23): 2017	100 Max	93.25
d.	Particulate matter (PM 2.5),µg/m3	IS: 5182 (P-24)-2019	60 Max	50.27
e.	Ammonia(NH3),µg/m ³	IS: 5182 (P-25): 2018	400 Max	29.63
f.	Lead(As Pb),µg/m3	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


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2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	23.54
b.	Carbon Monoxide(CO),mg/m ³	IS: 5182 (P-10): 2019	2 Max.	BLQ(LOQ:1.14)
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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Document QF : 2501
Page 1 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2302020002 Sample Reg. Date :02-02-2023 Report Date :09-02-2023 Report No. :ICE-2302090297 NABL ULR No. :TC592623000001647F Customer Ref. No. :TRF Letter Dated :2-2-2023
Test Report as per :	: EPA Act 1986/PCLS/2010
Sampling Information :	
Date of Monitoring	: 02-02-2023
Time of Monitoring	: 11:10 to 11:34 hrs
Name of the emission source monitored	: Stack Emission of Boiler
Rated Capacity	: 660 MW
Capacity on sampling day	: 620 MW
Type of fuel used & its consumption	: Coal & 380 Ton/hrs
Normal operating schedule	: 24 hrs
Stack Identification	: Stack attached to Boiler, Unit-1 (At 65 Meter's Height)
Type of Stack/Duct	: Metal
Stack Height from Ground Level(m)	: 275
Diameter of the Stack(cm)	: 700
Sampling Duration(minutes)	: 24
Purpose of Monitoring	: For Self Monitoring
Air Pollution control measure	: ESP + FF + FGD + Low NOx Burner
Status	: Working
Recovery of Material	: -
Fugitive Emission,if any	: Nil
Observations :	

Saurabh Sharma
Saurabh Sharma
09-02-2023
Reviewer

PremKumar
09-02-2023
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. :E01-2302020002 Sample Reg. Date :02-02-2023 Report Date :09-02-2023 Report No. :ICE-2302090297 NABL ULR No. :TC592623000001647F Customer Ref. No. :TRF Letter Dated :2-2-2023

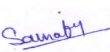
Flue Gas Temperature, °C,Avg.	: 57
Flue Gas Velocity(m/s),Avg.	: 22.50
Volumetric Flow Rate(Nm ³ /hr.)	: 2702479.12
Ambient Air Temperature, °C	: 14

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	29.26
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-2)	Max. 200	160.35
c.	Oxides of Nitrogen (NO _x), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-7)	Max. 450	305.43
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	4.475

'#' 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 02.02.2023, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A


Saurabh Sharma
09-02-2023
Reviewer


09-02-2023
PremKumar
[Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)
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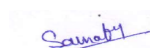
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2302020002 Sample Reg. Date :02-02-2023 Report Date :09-02-2023 Report No. :ICE-2302090297 NABL ULR No. :TC592623000001647F Customer Ref. No. :TRF Letter Dated :2-2-2023

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



Saurabh Sharma
09-02-2023
Reviewer



09-02-2023
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. :E01-2302020003 Sample Reg. Date :02-02-2023 Report Date :09-02-2023 Report No. :ICE-2302090298 NABL ULR No. :TC592623000001648F Customer Ref. No. :TRF Letter Dated :2-2-2023
Test Report as per :	: EPA Act 1986/PCLS/2010
Sampling Information :	
Date of Monitoring	: 02-02-2023
Time of Monitoring	: 11:50 to 12:14 hrs
Name of the emission source monitored	: Stack Emission of Boiler
Rated Capacity	: 660 MW
Capacity on sampling day	: 620 MW
Type of fuel used & its consumption	: Coal & 410 Ton/hrs
Normal operating schedule	: 24 hrs
Stack Identification	: Stack attached to Boiler Unit-2 (At 65 Meter's Height)
Type of Stack/Duct	: Metal
Stack Height from Ground Level(m)	: 275
Diameter of the Stack(cm)	: 700
Sampling Duration(minutes)	: 24
Purpose of Monitoring	: For Self Monitoring
Air Pollution control measure	: ESP + FF + FGD + Low NOx Burner
Status	: Working
Recovery of Material	: -
Fugitive Emission,if any	: Nil
Observations :	

Saurabh Sharma
09-02-2023
Reviewer

09-02-2023
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. :E01-2302020003
	Sample Reg. Date :02-02-2023
	Report Date :09-02-2023
	Report No. :ICE-2302090298
	NABL ULR No. :TC592623000001648F
	Customer Ref. No. :TRF
	Letter Dated :2-2-2023

Flue Gas Temperature, °C,Avg.	: 53
Flue Gas Velocity(m/s),Avg.	: 22.82
Volumetric Flow Rate(Nm ³ /hr.)	: 2774545.23
Ambient Air Temperature, °C	: 15

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	26.59
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-2)	Max. 200	138.76
c.	Oxides of Nitrogen (NO _x), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-7)	Max. 450	237.23
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	4.759

'#' 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 02.02.2023, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A


Saurabh Sharma
09-02-2023
Reviewer


09-02-2023
PremKumar
[Authorized Signatory]

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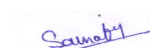
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Test Report

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Page 3 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2302020003 Sample Reg. Date :02-02-2023 Report Date :09-02-2023 Report No. :ICE-2302090298 NABL ULR No. :TC592623000001648F Customer Ref. No. :TRF Letter Dated :2-2-2023

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



Saurabh Sharma
09-02-2023
Reviewer



09-02-2023
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. :E01-2302130467 Sample Reg. Date :13-02-2023 Report Date :21-02-2023 Report No. :ICE-2302210846 NABL ULR No. :TC592623000002047F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022
Test Report as per :	: EPA Act 1986/PCLS/2010
Sampling Information :	
Date of Monitoring	: 10-02-2023
Time of Monitoring	: 10:40 to 11:04 hrs
Name of the emission source monitored	: Stack emission of Boiler
Rated Capacity	: 660 MW
Capacity on sampling day	: 641 MW
Type of fuel used & its consumption	: Coal & 395 Ton/hr
Normal operating schedule	: 24 hrs
Stack Identification	: Stack attached to Boiler, Unit-1 (At 65 Meter's Height)
Type of Stack/Duct	: Metal
Stack Height from Ground Level(m)	: 275
Diameter of the Stack(cm)	: 700
Sampling Duration(minutes)	: 24
Purpose of Monitoring	: For Self Monitoring
Air Pollution control measure	: ESP + FF + FGD + Low NOx Burner
Status	: Working
Recovery of Material	: -
Fugitive Emission,if any	: Nil
Observations :	

Saurabh Sharma
21-02-2023
Reviewer

22-02-2023
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. :E01-2302130467
	Sample Reg. Date :13-02-2023
	Report Date :21-02-2023
	Report No. :ICE-2302210846
	NABL ULR No. :TC592623000002047F
	Customer Ref. No. :Order No.5030010814
	Letter Dated :21.11.2022

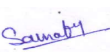
Flue Gas Temperature, °C,Avg.	: 53
Flue Gas Velocity(m/s),Avg.	: 21.88
Volumetric Flow Rate(Nm ³ /hr.)	: 2660256.34
Ambient Air Temperature, °C	: 23

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	28.55
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-2)	Max. 200	190.44
c.	Oxides of Nitrogen (NO _x), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-7)	Max. 450	280.37
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	3.709

'#' 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 10.02.2023, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A


Saurabh Sharma
21-02-2023
Reviewer


22-02-2023
PremKumar
[Authorized Signatory]

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86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)
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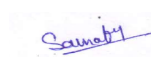
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2302130467 Sample Reg. Date :13-02-2023 Report Date :21-02-2023 Report No. :ICE-2302210846 NABL ULR No. :TC592623000002047F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

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



Saurabh Sharma
21-02-2023
Reviewer



22-02-2023
PremKumar
[Authorized Signatory]

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2302130468 Sample Reg. Date :13-02-2023 Report Date :21-02-2023 Report No. :ICE-2302210847 NABL ULR No. :TC592623000002034F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022
Test Report as per :	: EPA Act 1986/PCLS/2010
Sampling Information :	
Date of Monitoring	: 10-02-2023
Time of Monitoring	: 10:00 to 10:24 hrs
Name of the emission source monitored	: Stack emission of Boiler
Rated Capacity	: 660 MW
Capacity on sampling day	: 660 MW
Type of fuel used & its consumption	: Coal & 400 Ton/hr
Normal operating schedule	: 24 hrs
Stack Identification	: Stack attached to Boiler Unit-2 (At 65 Meter's Height)
Type of Stack/Duct	: Metal
Stack Height from Ground Level(m)	: 275
Diameter of the Stack(cm)	: 700
Sampling Duration(minutes)	: 24
Purpose of Monitoring	: For Self Monitoring
Air Pollution control measure	: ESP + FF + FGD + Low NOx Burner
Status	: Working
Recovery of Material	: -
Fugitive Emission,if any	: Nil
Observations :	

Saurabh Sharma
21-02-2023
Reviewer

22-02-2023
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. :E01-2302130468 Sample Reg. Date :13-02-2023 Report Date :21-02-2023 Report No. :ICE-2302210847 NABL ULR No. :TC592623000002034F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

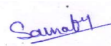
Flue Gas Temperature, °C,Avg.	: 54
Flue Gas Velocity(m/s),Avg.	: 22.03
Volumetric Flow Rate(Nm ³ /hr.)	: 2670302.82
Ambient Air Temperature, °C	: 22

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	26.54
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-2)	Max. 200	170.12
c.	Oxides of Nitrogen (NO _x), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-7)	Max. 450	254.90
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	4.300

'#' 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 10.02.2023, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A


 Saurabh Sharma
 21-02-2023
 Reviewer


 22-02-2023
 PremKumar
 [Authorized Signatory]

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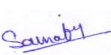
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Test Report

Document QF : 2501
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2302130468 Sample Reg. Date :13-02-2023 Report Date :21-02-2023 Report No. :ICE-2302210847 NABL ULR No. :TC592623000002034F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

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


Saurabh Sharma
21-02-2023
Reviewer


22-02-2023
PremKumar
[Authorized Signatory]

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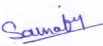
Test Report

Document QF : 2501

Page 1 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2302200751 Sample Reg. Date :20-02-2023 Report Date :28-02-2023 Report No. :ICE-2302281311 NABL ULR No. :TC592623000004318F Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

Test Report as per :	: EPA Act 1986/PCLS/2010
Sampling Information :	
Date of Monitoring	: 17-02-2023
Time of Monitoring	: 10:00 to 10:24 hrs
Name of the emission source monitored	: Stack emission of Boiler
Rated Capacity	: 660 MW
Capacity on sampling day	: 630 MW
Type of fuel used & its consumption	: Coal & 390 Ton/hr
Normal operating schedule	: 24 hrs
Stack Identification	: Stack attached to Boiler, Unit-1 (At 65 Meter's Height)
Type of Stack/Duct	: Metal
Stack Height from Ground Level(m)	: 275
Diameter of the Stack(cm)	: 700
Sampling Duration(minutes)	: 24
Purpose of Monitoring	: For Self Monitoring
Air Pollution control measure	: ESP + FF + FGD + Low NOx Burner
Status	: Working
Recovery of Material	: -
Fugitive Emission,if any	: Nil
Observations :	


Saurabh Sharma
28-02-2023
Reviewer


28-02-2023
PremKumar
[Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.

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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. :E01-2302200751
	Sample Reg. Date :20-02-2023
	Report Date :28-02-2023
	Report No. :ICE-2302281311
	NABL ULR No. :TC592623000004318F
	Customer Ref. No. :Order No.5030010814
	Letter Dated :21.11.2022

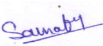
Flue Gas Temperature, °C,Avg.	: 54
Flue Gas Velocity(m/s),Avg.	: 22.76
Volumetric Flow Rate(Nm ³ /hr.)	: 2758787.66
Ambient Air Temperature, °C	: 22

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	32.57
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	Titration	IS:11255(P-2)	Max. 200	193.92
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	231.88
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	4.593

'#' 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/056

REMARKS :N/A


Saurabh Sharma
28-02-2023
Reviewer


28-02-2023
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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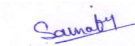
Test Report

Document QF : 2501

Page 3 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2302200751 Sample Reg. Date :20-02-2023 Report Date :28-02-2023 Report No. :ICE-2302281311 NABL ULR No. :TC592623000004318F Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

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


Saurabh Sharma
28-02-2023
Reviewer


28-02-2023
PremKumar
[Authorized Signatory]

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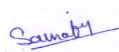
Test Report

Document QF : 2501

Page 1 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2302200752 Sample Reg. Date :20-02-2023 Report Date :28-02-2023 Report No. :ICE-2302281260 NABL ULR No. :TC592623000004319F Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

Test Report as per :	: EPA Act 1986/PCLS/2010
Sampling Information :	
Date of Monitoring	: 17-02-2023
Time of Monitoring	: 10:40 to 11:04 hrs
Name of the emission source monitored	: Stack emission of Boiler
Rated Capacity	: 660 MW
Capacity on sampling day	: 660 MW
Type of fuel used & its consumption	: Coal & 387 Ton/hr
Normal operating schedule	: 24 hrs
Stack Identification	: Stack attached to Boiler Unit-2 (At 65 Meter's Height)
Type of Stack/Duct	: Metal
Stack Height from Ground Level(m)	: 275
Diameter of the Stack(cm)	: 700
Sampling Duration(minutes)	: 24
Purpose of Monitoring	: For Self Monitoring
Air Pollution control measure	: ESP + FF + FGD + Low NOx Burner
Status	: Working
Recovery of Material	: -
Fugitive Emission,if any	: Nil
Observations :	


Saurabh Sharma
28-02-2023
Reviewer


28-02-2023
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. :E01-2302200752
	Sample Reg. Date :20-02-2023
	Report Date :28-02-2023
	Report No. :ICE-2302281260
	NABL ULR No. :TC592623000004319F
	Customer Ref. No.: Order No.5030010814
	Letter Dated :21.11.2022

Flue Gas Temperature, °C,Avg.	: 52
Flue Gas Velocity(m/s),Avg.	: 22.31
Volumetric Flow Rate(Nm ³ /hr.)	: 2720883
Ambient Air Temperature, °C	: 22

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	25.32
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	Titration	IS:11255(P-2)	Max. 200	134.91
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	210.68
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	4.300

'#' 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/056

REMARKS :N/A

Saurabh

Saurabh Sharma
28-02-2023
Reviewer

PremKumar

28-02-2023
PremKumar
[Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.
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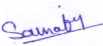
Test Report

Document QF : 2501

Page 3 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2302200752 Sample Reg. Date :20-02-2023 Report Date :28-02-2023 Report No. :ICE-2302281260 NABL ULR No. :TC592623000004319F Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

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


Saurabh Sharma
28-02-2023
Reviewer


28-02-2023
PremKumar
[Authorized Signatory]

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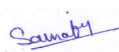
Test Report

Document QF : 2501

Page 1 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2302251066 Sample Reg. Date :25-02-2023 Report Date :01-03-2023 Report No. :ICE-2303010007 NABL ULR No. :TC592623000004317F Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

Test Report as per :	: EPA Act 1986/PCLS/2010
Sampling Information :	
Date of Monitoring	: 24-02-2023
Time of Monitoring	: 10:40 to 11:04 hrs
Name of the emission source monitored	: Stack emission of Boiler
Rated Capacity	: 660 MW
Capacity on sampling day	: 640 MW
Type of fuel used & its consumption	: Coal & 364 Ton/hr
Normal operating schedule	: 24 hrs
Stack Identification	: Stack attached to Boiler, Unit-1 (At 65 Meter's Height)
Type of Stack/Duct	: Metal
Stack Height from Ground Level(m)	: 275
Diameter of the Stack(cm)	: 700
Sampling Duration(minutes)	: 24
Purpose of Monitoring	: For Self Monitoring
Air Pollution control measure	: ESP + FF + FGD + Low NOx Burner
Status	: Working
Recovery of Material	: -
Fugitive Emission,if any	: Nil
Observations :	


Saurabh Sharma
01-03-2023
Reviewer


01-03-2023
PremKumar
[Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.

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Page 2 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2302251066 Sample Reg. Date :25-02-2023 Report Date :01-03-2023 Report No. :ICE-2303010007 NABL ULR No. :TC592623000004317F Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

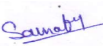
Flue Gas Temperature, °C,Avg.	: 51
Flue Gas Velocity(m/s),Avg.	: 22.38
Volumetric Flow Rate(Nm ³ /hr.)	: 2737844.90
Ambient Air Temperature, °C	: 22

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	25.18
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	Titration	IS:11255(P-2)	Max. 200	164.64
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	240.32
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	4.475

'#' represents Customer Defined Fields

NOTE : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per EPA Act 1986/PCLS/2010, Sample Collected by lab rep.on 24-02-2023, Sampling Procedure : SOP/ITC/EW/056.

REMARKS :N/A


Saurabh Sharma
01-03-2023
Reviewer


01-03-2023
PremKumar
[Authorized Signatory]

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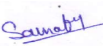
Test Report

Document QF : 2501

Page 3 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2302251066 Sample Reg. Date :25-02-2023 Report Date :01-03-2023 Report No. :ICE-2303010007 NABL ULR No. :TC592623000004317F Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

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


Saurabh Sharma
01-03-2023
Reviewer


01-03-2023
PremKumar
[Authorized Signatory]

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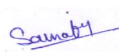
Test Report

Document QF : 2501

Page 1 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2302251067 Sample Reg. Date :25-02-2023 Report Date :01-03-2023 Report No. :ICE-2303010008 NABL ULR No. :TC592623000003318F Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

Test Report as per :	: EPA Act 1986/PCLS/2010
Sampling Information :	
Date of Monitoring	: 24-02-2023
Time of Monitoring	: 10:00 to 10:24 hrs
Name of the emission source monitored	: Stack emission of Boiler
Rated Capacity	: 660 MW
Capacity on sampling day	: 655 MW
Type of fuel used & its consumption	: Coal & 370 Ton/hr
Normal operating schedule	: 24 hrs
Stack Identification	: Stack attached to Boiler Unit-2 (At 65 Meter's Height)
Type of Stack/Duct	: Metal
Stack Height from Ground Level(m)	: 275
Diameter of the Stack(cm)	: 700
Sampling Duration(minutes)	: 24
Purpose of Monitoring	: For Self Monitoring
Air Pollution control measure	: ESP + FF + FGD + Low NOx Burner
Status	: Working
Recovery of Material	: -
Fugitive Emission,if any	: Nil
Observations :	


Saurabh Sharma
01-03-2023
Reviewer


01-03-2023
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. :E01-2302251067 Sample Reg. Date :25-02-2023 Report Date :01-03-2023 Report No. :ICE-2303010008 NABL ULR No. :TC592623000003318F Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

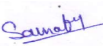
Flue Gas Temperature, °C,Avg.	: 52
Flue Gas Velocity(m/s),Avg.	: 23.83
Volumetric Flow Rate(Nm ³ /hr.)	: 2906259.91
Ambient Air Temperature, °C	: 20

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	24.19
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	Titration	IS:11255(P-2)	Max. 200	144.97
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	200.20
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	3.979

'#' represents Customer Defined Fields

NOTE : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per EPA Act 1986/PCLS/2010, Sample Collected by lab rep.on 24-02-2023, Sampling Procedure : SOP/ITC/EW/056.

REMARKS :N/A


Saurabh Sharma
01-03-2023
Reviewer


01-03-2023
PremKumar
[Authorized Signatory]

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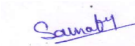
Test Report

Document QF : 2501

Page 3 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2302251067 Sample Reg. Date :25-02-2023 Report Date :01-03-2023 Report No. :ICE-2303010008 NABL ULR No. :TC592623000003318F Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

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


Saurabh Sharma
01-03-2023
Reviewer


01-03-2023
PremKumar
[Authorized Signatory]

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Test Report

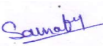
Document OF : 2501
Page 1 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2302210786 Sample Reg. Date :21-02-2023 Report Date :28-02-2023 Report No. :ICE-2302281169 (1) NABL ULR No. :TC592623000004308F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

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 #	3 Ltr
k)	Batch Size/Location #	NA
l)	Mode of Packing	Packed in bottles
m)	Date of Receipt	21-02-2023
n)	Date of Start	21-02-2023
o)	Date of Completion	28-02-2023
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample Collected by lab.rep.on : 17.02.2023


 Saurabh Sharma
 28-02-2023
 Reviewer


 28-02-2023
 PremKumar
 [Authorized Signatory]

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Test Report

Document OF : 2501
Page 2 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar		Sample Reg. No. :E01-2302210786	
		Sample Reg. Date :21-02-2023	
		Report Date :28-02-2023	
		Report No. :ICE-2302281169 (1)	
		NABL ULR No. :TC592623000004308F	
		Customer Ref. No.: Order No.5030010814	
		Letter Dated :21.11.2022	
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		ETP Inlet Water			
S.No.	Parameters	Instrument	Method	Specification	Result
Discipline : Chemical					
Group : Pollution & Environment					
1.	General Parameters				
a.	Colour	Visual	IS: 3025 (P-4)-2021		Greyish
b.	Odour.	Organoleptic	IS: 3025 (P-5)-2018		Mild
c.	pH Value	pH Meter	IS: 3025 (Part 11): 2017		7.76
d.	Total Suspended Solids,(mg/L)	Gravimetric	IS 3025 (Part 17): 2017		67
e.	Total Dissolved Solids (mg/L)	Gravimetric	IS 3025 (Part 16) : 2017	-	316

Saurabh Sharma
28-02-2023
Reviewer

28-02-2023
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 OF : 2501
Page 3 of 3

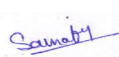
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar			Sample Reg. No. :E01-2302210786 Sample Reg. Date :21-02-2023 Report Date :28-02-2023 Report No. :ICE-2302281169 (1) NABL ULR No. :TC592623000004308F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022		
f.	Chemical Oxygen Demand(mg/L)	COD Reflux Assembly	IS 3025 (Part 58) : 2017		130
g.	Bio-chemical Oxygen Demand, mg/L (3 days at 27°C)	BOD Incubator	IS 3025 (Part 44) : 2019		45
h.	Oil & Grease(mg/L)	Gravimetric	IS 3025 (Part 39) : 2021		<4.0
i.	Zinc(As Zn)(mg/L)	ICPOES	IS:3025 (Part-2): 2019		BLQ(LOQ:0.50)
j.	Arsenic(as As)(mg/L)	ICPOES	IS:3025 (Part-2): 2019		BLQ(LOQ:0.50)
k.	Total Chromium as Cr (mg/L)	ICPOES	IS:3025 (Part-2): 2019		BLQ(LOQ:0.50)
l.	Cyanide (as CN),(mg/L)	UV-Spectrophotometer	IS 3025 (Part 27): 2019		BLQ(LOQ:0.05)
m.	Iron(as Fe)(mg/L)	ICPOES	IS:3025 (Part-2): 2019		BLQ(LOQ:0.50)
n.	Temperature(°C)	THERMOMETER	IS 3025 (Part 9): 2017		25
o.	Free Residual Chlorine (mg/L)	Titration	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,

REMARKS :N/A

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


Saurabh Sharma
28-02-2023
Reviewer


28-02-2023
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

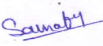
Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2302210786 Sample Reg. Date :21-02-2023 Report Date :28-02-2023 Report No. :ICE-2302281169 (2) Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

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 #	3 Ltr
k)	Batch Size/Location #	NA
l)	Mode of Packing	Packed in bottles
m)	Date of Receipt	21-02-2023
n)	Date of Start	21-02-2023
o)	Date of Completion	28-02-2023
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample Collected by lab.rep.on : 17.02.2023
s)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)


Saurabh Sharma
28-02-2023
Reviewer


28-02-2023
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. :E01-2302210786 Sample Reg. Date :21-02-2023 Report Date :28-02-2023 Report No. :ICE-2302281169 (2) Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

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

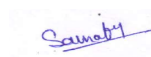
Description					
Description		ETP Inlet Water			
S.No.	Parameters	Instrument	Method	Specification	Result
	Discipline : Chemical				
	Group : Pollution & Environment				
1.	General Parameters				
a.	Total Phosphate (as P) (mg/L)	UV-Spectrophotometer	APHA 23rd Edition 4500 - P D: 2017		0.27

[#] 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
28-02-2023
Reviewer


28-02-2023
PremKumar
[Authorized Signatory]

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Test Report

Document OF : 2501
Page 1 of 4

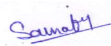
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2302210790 Sample Reg. Date :21-02-2023 Report Date :28-02-2023 Report No. :ICE-2302281310 (1) NABL ULR No. :TC592623000003660F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

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 #	8 Ltr
k)	Batch Size/Location #	NA
l)	Mode of Packing	Packed in bottles & in cans
m)	Date of Receipt	21-02-2023
n)	Date of Start	21-02-2023
o)	Date of Completion	28-02-2023
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample collected by lab rep. on : 17.02.2023


 Saurabh Sharma
 28-02-2023
 Reviewer


 28-02-2023
 PremKumar
 [Authorized Signatory]

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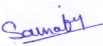
Document OF : 2501
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2302210790 Sample Reg. Date :21-02-2023 Report Date :28-02-2023 Report No. :ICE-2302281310 (1) NABL ULR No. :TC592623000003660F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022
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	ETP outlet water				
S.No.	Parameters	Instrument	Method	Specification	Result
	Discipline : Chemical				
	Group : Pollution & Environment				
1.	General Parameters				
a.	Colour	Visual	IS: 3025 (P-4)-2021	Not Specified	Colourless
b.	Odour.	Organoleptic	IS: 3025 (P-5)-2018	Not Specified	None
c.	pH Value	pH Meter	IS: 3025 (Part 11): 2017	5.5-9	6.75
d.	Total Suspended Solids,(mg/L)	Gravimetric	IS 3025 (Part 17): 2017	Max. 100	10
e.	Total Dissolved Solids (mg/L)	Gravimetric	IS 3025 (Part 16) : 2017	Not Specified	310


Saurabh Sharma
28-02-2023
Reviewer


28-02-2023
PremKumar
[Authorized Signatory]

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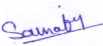
Test Report

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar			Sample Reg. No. :E01-2302210790 Sample Reg. Date :21-02-2023 Report Date :28-02-2023 Report No. :ICE-2302281310 (1) NABL ULR No. :TC592623000003660F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022		
f.	Chemical Oxygen Demand(mg/L)	COD Reflux Assembly	IS 3025 (Part 58) : 2017	Max. 250	22
g.	Bio-chemical Oxygen Demand, mg/L (3 days at 27°C)	BOD Incubator	IS 3025 (Part 44) : 2019	Max. 30	6
h.	Oil & Grease(mg/L)	Gravimetric	IS 3025 (Part 39) : 2021	Max. 10	<4.0
i.	Zinc(As Zn)(mg/L)	ICPOES	IS:3025 (Part-2): 2019	Max. 5.0	BLQ(LOQ:0.50)
j.	Arsenic(as As)(mg/L)	ICPOES	IS:3025 (Part-2): 2019	Max. 0.2	BLQ(LOQ:0.50)
k.	Total Chromium as Cr (mg/L)	ICPOES	IS:3025 (Part-2): 2019	Max. 2.0	BLQ(LOQ:0.50)
l.	Cyanide (as CN),(mg/L)	UV-Spectrophotometer	IS 3025 (Part 27): 2019	Max. 0.2	BLQ(LOQ:0.05)
m.	Iron(as Fe)(mg/L)	ICPOES	IS:3025 (Part-2): 2019	Max. 3.0	BLQ(LOQ:0.50)
n.	Bio Assay Test	Qualitative	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)	THERMOMETER	IS 3025 (Part 9): 2017		25
p.	Free Residual Chlorine (mg/L)	Titration	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


 Saurabh Sharma
 28-02-2023
 Reviewer


 28-02-2023
 PremKumar
 [Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.
 86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)
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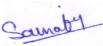
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2302210790 Sample Reg. Date :21-02-2023 Report Date :28-02-2023 Report No. :ICE-2302281310 (1) NABL ULR No. :TC592623000003660F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

REMARKS :N/A

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


Saurabh Sharma
28-02-2023
Reviewer


28-02-2023
PremKumar
[Authorized Signatory]

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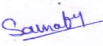
Document QF : 2501
Page 1 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2302210790 Sample Reg. Date :21-02-2023 Report Date :28-02-2023 Report No. :ICE-2302281310 (2) Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

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 #	8 Ltr
k)	Batch Size/Location #	NA
l)	Mode of Packing	Packed in bottles & in cans
m)	Date of Receipt	21-02-2023
n)	Date of Start	21-02-2023
o)	Date of Completion	28-02-2023
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample collected by lab rep. on : 17.02.2023
s)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)


Saurabh Sharma
28-02-2023
Reviewer


28-02-2023
PremKumar
[Authorized Signatory]

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Document QF : 2501
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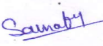
t)	Manufactured By [#]	NA
u)	Supplied By [#]	NA

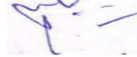
PART B : SUPPLIMENTARY INFORMATIONS

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		ETP outlet water			
S.No.	Parameters	Instrument	Method	Specification	Result
	Discipline : Chemical				
	Group : Pollution & Environment				
1.	General Parameters				
a.	Total Phosphate (as P) (mg/L)	UV-Spectrophotometer	APHA 23rd Edition 4500 - P D: 2017	Not Specified	0.10

[#] represents Customer Defined Fields


Saurabh Sharma
28-02-2023
Reviewer


28-02-2023
PremKumar
[Authorized Signatory]

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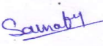
Document QF : 2501
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2302210790 Sample Reg. Date :21-02-2023 Report Date :28-02-2023 Report No. :ICE-2302281310 (2) Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

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
28-02-2023
Reviewer


28-02-2023
PremKumar
[Authorized Signatory]

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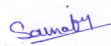
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2302210793 Sample Reg. Date :21-02-2023 Report Date :28-02-2023 Report No. :ICE-2302281159 NABL ULR No. :TC592623000004311F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

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	21-02-2023
n)	Date of Start	21-02-2023
o)	Date of Completion	27-02-2023
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample collected by Lab. rep. on : 17.02.2023


 Saurabh Sharma
 28-02-2023
 Reviewer


 28-02-2023
 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. :E01-2302210793
			Sample Reg. Date :21-02-2023
			Report Date :28-02-2023
			Report No. :ICE-2302281159
			NABL ULR No. :TC592623000004311F
			Customer Ref. No.:Order No.5030010814
			Letter Dated :21.11.2022
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	Instrument	Method	Specification	Result
Discipline : Chemical					
Group : Pollution & Environment					
1.	General Parameters				
a.	Colour	Visual	IS: 3025 (P-4)-2021		Yellow
b.	Odour.	Organoleptic	IS: 3025 (P-5)-2018		Mild
c.	pH Value	pH Meter	IS: 3025 (Part 11): 2017		6.89
d.	Total Suspended Solids,(mg/L)	Gravimetric	IS 3025 (Part 17): 2017		80
e.	Total Dissolved Solids (mg/L)	Gravimetric	IS 3025 (Part 16) : 2017	-	889

Saurabh Sharma
28-02-2023
Reviewer

28-02-2023
PremKumar
[Authorized Signatory]

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Test Report

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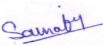
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar			Sample Reg. No. :E01-2302210793 Sample Reg. Date :21-02-2023 Report Date :28-02-2023 Report No. :ICE-2302281159 NABL ULR No. :TC592623000004311F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022		
f.	Chemical Oxygen Demand(mg/L)	COD Reflux Assembly	IS 3025 (Part 58) : 2017		146
g.	Bio-chemical Oxygen Demand, mg/L (3 days at 27°C)	BOD Incubator	IS 3025 (Part 44) : 2019		50
h.	Oil & Grease(mg/L)	Gravimetric	IS 3025 (Part 39) : 2021		4.8
i.	Free Residual Chlorine (mg/L)	Titration	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
 28-02-2023
 Reviewer


 28-02-2023
 PremKumar
 [Authorized Signatory]

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Test Report

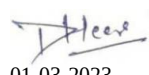
Document OF : 2501
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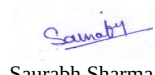
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2302210794 Sample Reg. Date :21-02-2023 Report Date :01-03-2023 Report No. :ICE-2303010023 (1) NABL ULR No. :TC592623000004312F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

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	21-02-2023
n)	Date of Start	21-02-2023
o)	Date of Completion	01-03-2023
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample Collected by lab rep. on: 17.02.2023


01-03-2023
Deepika Heera
[Authorized Signatory]


Saurabh Sharma
01-03-2023
Reviewer


01-03-2023
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. :E01-2302210794	
		Sample Reg. Date :21-02-2023	
		Report Date :01-03-2023	
		Report No. :ICE-2303010023 (1)	
		NABL ULR No. :TC592623000004312F	
		Customer Ref. No.: Order No.5030010814	
		Letter Dated :21.11.2022	
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		Greyish Liquid with suspended & settleable particles			
S.No.	Parameters	Instrument	Method	Specification	Result
Discipline : Chemical					
Group : Pollution & Environment					
1. General Parameters					
a.	Nitrate as NO ₃ (mg/L)	UV-Spectrophotometer	IS 3025 (Part 34) : 2019		BLQ(LOQ:1.0)
b.	Calcium(as Ca)(mg/L)	Titration	IS 3025 (Part 40): 2019	-	42
c.	Magnesium as Mg(mg/L)	Calculation	IS: 3025 Part 46): 2019	-	7
d.	Sodium(as Na)(mg/L)	Flame Photometer	IS 3025(Part 45): 2019	-	41.6
e.	Potassium as K ₁ (mg/L)	Flame Photometer	APHA 23rd Edition-3500K B: 2017		6.4

01-03-2023
Deepika Heera
[Authorized Signatory]

01-03-2023
Saurabh Sharma
Reviewer

01-03-2023
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. :E01-2302210794 Sample Reg. Date :21-02-2023 Report Date :01-03-2023 Report No. :ICE-2303010023 (1) NABL ULR No. :TC592623000004312F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022		
Discipline : Biological					
Group : Pollution & Environment					
1. Microbiological Tests					
a.	Faecal Coliforms, (MPN/100mL)	Microbiological	APHA-23 rd Edn 17-9221 F		5.4 x 10 ⁵
b.	E.coli, (MPN/100mL)	Microbiological	APHA-23 rd Edn 17-9221 F		4.0 x 10 ⁵
c.	Total Coliform (MPN/100ml)	Microbiological	APHA-23 rd Edn 17-9221 F		7.6 x 10 ⁵

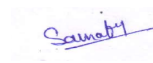
represents categories/test parameters not covered under NABL '#' represents Customer Defined Fields

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*****


01-03-2023
Deepika Heera
[Authorized Signatory]


Saurabh Sharma
01-03-2023
Reviewer


01-03-2023
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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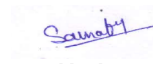
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2302210794 Sample Reg. Date :21-02-2023 Report Date :01-03-2023 Report No. :ICE-2303010023 (2) Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

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	21-02-2023
n)	Date of Start	21-02-2023
o)	Date of Completion	01-03-2023
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample Collected by lab rep. on: 17.02.2023
s)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)


01-03-2023
Deepika Heera
[Authorized Signatory]


Saurabh Sharma
01-03-2023
Reviewer


01-03-2023
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. :E01-2302210794 Sample Reg. Date :21-02-2023 Report Date :01-03-2023 Report No. :ICE-2303010023 (2) Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

t)	Manufactured By [#]	NA
u)	Supplied By [#]	NA

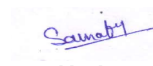
PART B : SUPPLIMENTARY INFORMATIONS

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		Greyish Liquid with suspended & settleable particles			
S.No.	Parameters	Instrument	Method	Specification	Result
	Discipline : Chemical				
	Group : Pollution & Environment				
1.	General Parameters				
a.	Phosphate as PO ₄ (mg/L)	UV-Spectrophotometer	APHA 23rd Edition 4500 - P D: 2017		BLQ(LOQ:0.003)

[#] represents Customer Defined Fields


01-03-2023
Deepika Heera
[Authorized Signatory]


Saurabh Sharma
01-03-2023
Reviewer


01-03-2023
Prem Kumar
[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. :E01-2302210794 Sample Reg. Date :21-02-2023 Report Date :01-03-2023 Report No. :ICE-2303010023 (2) Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

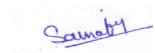
NOTE : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification. Sampling Procedure : SOP/ITC/EW/030.
Purpose-For Self Monitoring

REMARKS :N/A

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



01-03-2023
Deepika Heera
[Authorized Signatory]



Saurabh Sharma
01-03-2023
Reviewer



01-03-2023
PremKumar
[Authorized Signatory]

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Test Report

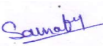
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2302210795 Sample Reg. Date :21-02-2023 Report Date :28-02-2023 Report No. :ICE-2302281160 NABL ULR No. :TC592623000003458F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

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	21-02-2023
n)	Date of Start	21-02-2023
o)	Date of Completion	27-02-2023
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample Collected by lab.rep.on : 17.02.2023


Saurabh Sharma
28-02-2023
Reviewer


28-02-2023
PremKumar
[Authorized Signatory]

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Test Report

Document OF : 2501
Page 2 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar		Sample Reg. No. :E01-2302210795 Sample Reg. Date :21-02-2023 Report Date :28-02-2023 Report No. :ICE-2302281160 NABL ULR No. :TC592623000003458F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022
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	6.84
d.	Total Suspended Solids,(mg/L)	IS 3025 (Part 17): 2017	Max. 100	10
e.	Total Dissolved Solids (mg/L)	IS 3025 (Part 16) : 2017	Not Specified	363
f.	Chemical Oxygen Demand(mg/L)	IS 3025 (Part 58) : 2017	Not Specified	106
g.	Bio-chemical Oxygen Demand, mg/L (3 days at 27°C)	IS 3025 (Part 44) : 2019	Max. 30	25
h.	Oil & Grease(mg/L)	IS 3025 (Part 39) : 2021	Max. 10	<4.0

Saurabh Sharma
28-02-2023
Reviewer

28-02-2023
PremKumar
[Authorized Signatory]

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Test Report

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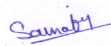
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar		Sample Reg. No. :E01-2302210795		
		Sample Reg. Date :21-02-2023		
		Report Date :28-02-2023		
		Report No. :ICE-2302281160		
		NABL ULR No. :TC592623000003458F		
		Customer Ref. No.: Order No.5030010814		
		Letter Dated :21.11.2022		
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, 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
28-02-2023
Reviewer


28-02-2023
PremKumar
[Authorized Signatory]

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Test Report

Document OF : 2501
Page 1 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2302210797 Sample Reg. Date :21-02-2023 Report Date :01-03-2023 Report No. :ICE-2303010024 (1) NABL ULR No. :TC592623000004310F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

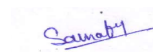
Test Report as per IS:EPA Act 1986/PCLS/2010

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	21-02-2023
n)	Date of Start	21-02-2023
o)	Date of Completion	01-03-2023
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample Collected by lab rep. on: 17.02.2023


01-03-2023
Deepika Heera
[Authorized Signatory]


Saurabh Sharma
01-03-2023
Reviewer


01-03-2023
PremKumar
[Authorized Signatory]

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Test Report

Document OF : 2501
Page 2 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar		Sample Reg. No. :E01-2302210797 Sample Reg. Date :21-02-2023 Report Date :01-03-2023 Report No. :ICE-2303010024 (1) NABL ULR No. :TC592623000004310F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022
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			
S.No.	Parameters	Instrument	Method	Specification	Result
Discipline : Chemical					
Group : Pollution & Environment					
1. General Parameters					
a.	Nitrate as NO ₃ (mg/L)	UV-Spectrophotometer	IS 3025 (Part 34) : 2019	Max. 10	BLQ(LOQ:1.0)
b.	Calcium(as Ca)(mg/L)	Titration	IS 3025 (Part 40): 2019	Not Specified	56
c.	Magnesium as Mg(mg/L)	Calculation	IS: 3025 Part 46): 2019	Not Specified	14
d.	Sodium(as Na)(mg/L)	Flame Photometer	IS 3025(Part 45): 2019	Not Specified	26.6
e.	Potassium as K ₁ (mg/L)	Flame Photometer	APHA 23rd Edition-3500K B: 2017	Not Specified	8.1

01-03-2023
 Deepika Heera
 [Authorized Signatory]

01-03-2023
 Saurabh Sharma
 [Reviewer]

01-03-2023
 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. :E01-2302210797 Sample Reg. Date :21-02-2023 Report Date :01-03-2023 Report No. :ICE-2303010024 (1) NABL ULR No. :TC592623000004310F Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022		
	Discipline : Biological				
	Group : Pollution & Environment				
1.	Microbiological Tests				
a.	Faecal Coliform, MPN/100ml	Microbiological	APHA-23 rd Edn 17-9221 F	Max. 1000	809
b.	<i>E.coli</i> , (MPN/100mL)	Microbiological	APHA 23rd Edn 17-9221 E	Not Specified	693
c.	Total Coliform (MPN/100ml)	Microbiological	APHA-23 rd Edn 17-9221 F	Not Specified	938

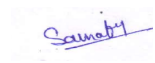
*# represents categories/test parameters not covered under NABL '#' represents Customer Defined Fields

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, For Self Monitoring

REMARKS : N/A

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


01-03-2023
Deepika Heera
[Authorized Signatory]


Saurabh Sharma
01-03-2023
Reviewer


01-03-2023
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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Document QF : 2501
Page 1 of 3

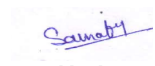
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2302210797 Sample Reg. Date :21-02-2023 Report Date :01-03-2023 Report No. :ICE-2303010024 (2) Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

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	21-02-2023
n)	Date of Start	21-02-2023
o)	Date of Completion	01-03-2023
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample Collected by lab rep. on: 17.02.2023
s)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)


01-03-2023
Deepika Heera
[Authorized Signatory]


Saurabh Sharma
01-03-2023
Reviewer


01-03-2023
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. :E01-2302210797 Sample Reg. Date :21-02-2023 Report Date :01-03-2023 Report No. :ICE-2303010024 (2) Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

t)	Manufactured By [#]	NA
u)	Supplied By [#]	NA

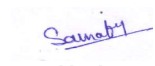
PART B : SUPPLIMENTARY INFORMATIONS

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		Turbid Liquid			
S.No.	Parameters	Instrument	Method	Specification	Result
	Discipline : Chemical				
	Group : Pollution & Environment				
1.	General Parameters				
a.	Phosphate(as PO ₄), (mg/L)	UV-Spectrophotometer	APHA 23rd Edition 4500 - P D: 2017	Max. 5.0	BLQ(LOQ:0.003)

[#] represents Customer Defined Fields


01-03-2023
Deepika Heera
[Authorized Signatory]


Saurabh Sharma
01-03-2023
Reviewer


01-03-2023
PremKumar
[Authorized Signatory]

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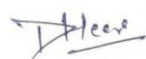
Document QF : 2501
Page 3 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2302210797 Sample Reg. Date :21-02-2023 Report Date :01-03-2023 Report No. :ICE-2303010024 (2) Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

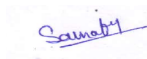
NOTE : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per EPA Act 1986/PCLS/2010, Sampling Procedure : SOP/ITC/EW/030, For Self Monitoring

REMARKS :N/A

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



01-03-2023
Deepika Heera
[Authorized Signatory]



Saurabh Sharma
01-03-2023
Reviewer



01-03-2023
PremKumar
[Authorized Signatory]

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Page 1 of 3

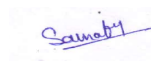
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2302210802 Sample Reg. Date :21-02-2023 Report Date :01-03-2023 Report No. :ICE-2303010028 (1) NABL ULR No. :TC592623000004314F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

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	21-02-2023
n)	Date of Start	21-02-2023
o)	Date of Completion	01-03-2023
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample Collected by lab rep. on : 17.02.2023


01-03-2023
Deepika Heera
[Authorized Signatory]


Saurabh Sharma
01-03-2023
Reviewer


01-03-2023
PremKumar
[Authorized Signatory]

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Document OF : 2501
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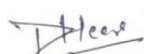
Issued To	Sample Reg. No. :E01-2302210802	
	Sample Reg. Date :21-02-2023	
Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Report Date :01-03-2023	
	Report No. :ICE-2303010028 (1)	
	NABL ULR No. :TC592623000004314F	
	Customer Ref. No.:Order No.5030010814	
	Letter Dated :21.11.2022	
s)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
t)	Manufactured By#	NA
u)	Supplied By#	NA

PART B : SUPPLEMENTARY INFORMATIONS

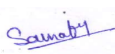
a.	Reference to sampling procedure, whenever applicable	: N/A
b.	Supporting documents for the measurement taken and results derived like graphs, tables, sketches and / or photographs as appropriate to test reports, if any	: N/A
c.	Deviation from the test methods as prescribed in relevant ISS/WORK Instruments,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

Description

Description	Turbid Liquid				
S.No.	Parameters	Instrument	Method	Specification	Result
Discipline : Chemical					
Group : Pollution & Environment					
1. General Parameters					
a.	Nitrate as NO ₃ (mg/L)	UV-Spectrophotometer	IS 3025 (Part 34) : 2019		BLQ(LOQ:1.0)
b.	Calcium(as Ca)(mg/L)	Titration	IS 3025 (Part 40): 2019	-	46
c.	Magnesium as Mg(mg/L)	Calculation	IS: 3025 Part 46): 2019	-	8
d.	Sodium(as Na)(mg/L)	Flame Photometer	IS 3025(Part 45): 2019	-	43.6
e.	Potassium as K,(mg/L)	Flame Photometer	APHA 23rd Edition-3500K B: 2017		6.1



01-03-2023
Deepika Heera
[Authorized Signatory]



Saurabh Sharma
01-03-2023
Reviewer



01-03-2023
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 OF : 2501
Page 3 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar			Sample Reg. No. :E01-2302210802 Sample Reg. Date :21-02-2023 Report Date :01-03-2023 Report No. :ICE-2303010028 (1) NABL ULR No. :TC592623000004314F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022		
Discipline : Biological					
Group : Pollution & Environment					
1. Microbiological Tests					
a.	Faecal Coliforms, (MPN/100mL)	Microbiological	APHA-23 rd Edn 17-9221 F		1.7 x 10 ⁵
b.	E.coli, (MPN/100mL)	Microbiological	APHA-23 rd Edn 17-9221 F		1.1 x 10 ⁵
c.	Total Coliform (MPN/100ml)	Microbiological	APHA-23 rd Edn 17-9221 F		2.7 x 10 ⁵

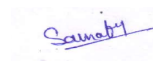
represents categories/test parameters not covered under NABL '#' represents Customer Defined Fields

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*****


01-03-2023
Deepika Heera
[Authorized Signatory]


Saurabh Sharma
01-03-2023
Reviewer


01-03-2023
PremKumar
[Authorized Signatory]

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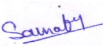
Document OF : 2501
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2302210799 Sample Reg. Date :21-02-2023 Report Date :28-02-2023 Report No. :ICE-2302281163 NABL ULR No. :TC592623000004313F Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

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	21-02-2023
n)	Date of Start	21-02-2023
o)	Date of Completion	27-02-2023
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample Collected by lab.rep.on : 17.02.2023


 Saurabh Sharma
 28-02-2023
 Reviewer


 28-02-2023
 PremKumar
 [Authorized Signatory]

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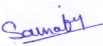
Document OF : 2501
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Issued To	Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar		Sample Reg. No. :E01-2302210799
			Sample Reg. Date :21-02-2023
			Report Date :28-02-2023
			Report No. :ICE-2302281163
			NABL ULR No. :TC592623000004313F
			Customer Ref. No.:Order No.5030010814
			Letter Dated :21.11.2022
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	Instrument	Method	Specification	Result
	Discipline : Chemical				
	Group : Pollution & Environment				
1.	General Parameters				
a.	Colour	Visual	IS: 3025 (P-4)-2021		Greyish
b.	Odour.	Organoleptic	IS: 3025 (P-5)-2018		Mild
c.	pH Value	pH Meter	IS: 3025 (Part 11): 2017		6.85
d.	Total Suspended Solids,(mg/L)	Gravimetric	IS 3025 (Part 17): 2017		125
e.	Total Dissolved Solids (mg/L)	Gravimetric	IS 3025 (Part 16) : 2017	-	1050


Saurabh Sharma
28-02-2023
Reviewer


28-02-2023
PremKumar
[Authorized Signatory]

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Test Report

Document OF : 2501
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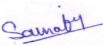
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar			Sample Reg. No. :E01-2302210799 Sample Reg. Date :21-02-2023 Report Date :28-02-2023 Report No. :ICE-2302281163 NABL ULR No. :TC592623000004313F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022		
f.	Chemical Oxygen Demand(mg/L)	COD Reflux Assembly	IS 3025 (Part 58) : 2017		121
g.	Bio-chemical Oxygen Demand, mg/L (3 days at 27°C)	BOD Incubator	IS 3025 (Part 44) : 2019		45
h.	Oil & Grease(mg/L)	Gravimetric	IS 3025 (Part 39) : 2021		6.8
i.	Free Residual Chlorine (mg/L)	Titration	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
 28-02-2023
 Reviewer


 28-02-2023
 PremKumar
 [Authorized Signatory]

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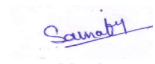
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2302210802 Sample Reg. Date :21-02-2023 Report Date :01-03-2023 Report No. :ICE-2303010028 (2) Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

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	21-02-2023
n)	Date of Start	21-02-2023
o)	Date of Completion	01-03-2023
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample Collected by lab rep. on : 17.02.2023
s)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)


01-03-2023
Deepika Heera
[Authorized Signatory]


Saurabh Sharma
01-03-2023
Reviewer


01-03-2023
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. :E01-2302210802 Sample Reg. Date :21-02-2023 Report Date :01-03-2023 Report No. :ICE-2303010028 (2) Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

t)	Manufactured By [#]	NA
u)	Supplied By [#]	NA

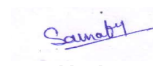
PART B : SUPPLIMENTARY INFORMATIONS

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		Turbid Liquid			
S.No.	Parameters	Instrument	Method	Specification	Result
	Discipline : Chemical				
	Group : Pollution & Environment				
1.	General Parameters				
a.	Phosphate as PO ₄ (mg/L)	UV-Spectrophotometer	APHA 23rd Edition 4500 - P D: 2017		BLQ(LOQ:0.003)

[#] represents Customer Defined Fields


01-03-2023
Deepika Heera
[Authorized Signatory]


Saurabh Sharma
01-03-2023
Reviewer


01-03-2023
PremKumar
[Authorized Signatory]

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Test Report

Document QF : 2501
Page 3 of 3

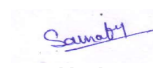
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2302210802 Sample Reg. Date :21-02-2023 Report Date :01-03-2023 Report No. :ICE-2303010028 (2) Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

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*****


01-03-2023
Deepika Heera
[Authorized Signatory]


Saurabh Sharma
01-03-2023
Reviewer


01-03-2023
PremKumar
[Authorized Signatory]

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Test Report

Document OF : 2501
Page 1 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2302210804 Sample Reg. Date :21-02-2023 Report Date :01-03-2023 Report No. :ICE-2303010029 (1) NABL ULR No. :TC592623000004316F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

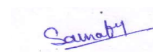
Test Report as per IS:EPA Act 1986/PCLS/2010

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	21-02-2023
n)	Date of Start	21-02-2023
o)	Date of Completion	25-03-2023
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample Collected by lab rep. on: 17.02.2023


01-03-2023
Deepika Heera
[Authorized Signatory]


Saurabh Sharma
01-03-2023
Reviewer


01-03-2023
PremKumar
[Authorized Signatory]

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Test Report

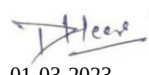
Document OF : 2501
Page 2 of 3

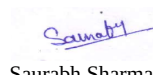
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2302210804	
	Sample Reg. Date :21-02-2023	
	Report Date :01-03-2023	
	Report No. :ICE-2303010029 (1)	
	NABL ULR No. :TC592623000004316F	
	Customer Ref. No.:Order No.5030010814	
	Letter Dated :21.11.2022	
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	Instrument	Method	Specification	Result
	Discipline : Chemical				
	Group : Pollution & Environment				
1.	General Parameters				
a.	Nitrate as NO ₃ (mg/L)	UV-Spectrophotometer	IS 3025 (Part 34) : 2019	Max. 10	BLQ(LOQ:1.0)
b.	Calcium(as Ca)(mg/L)	Titration	IS 3025 (Part 40): 2019	Not Specified	60
c.	Magnesium as Mg(mg/L)	Calculation	IS: 3025 Part 46): 2019	Not Specified	18
d.	Sodium(as Na)(mg/L)	Flame Photometer	IS 3025(Part 45): 2019	Not Specified	29.6
e.	Potassium as K ₁ (mg/L)	Flame Photometer	APHA 23rd Edition-3500K B: 2017	Not Specified	7.4


01-03-2023
Deepika Heera
[Authorized Signatory]


Saurabh Sharma
01-03-2023
Reviewer


01-03-2023
Prem Kumar
[Authorized Signatory]

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Test Report

Document OF : 2501
Page 3 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar			Sample Reg. No. :E01-2302210804 Sample Reg. Date :21-02-2023 Report Date :01-03-2023 Report No. :ICE-2303010029 (1) NABL ULR No. :TC592623000004316F Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022		
	Discipline : Biological				
	Group : Pollution & Environment				
1.	Microbiological Tests				
a.	Faecal Coliform, MPN/100ml	Microbiological	APHA-23 rd Edn 17-9221 F	Max. 1000	350
b.	<i>E.coli</i> , (MPN/100mL)	Microbiological	APHA 23rd Edn 17-9221 E	Not Specified	280
c.	Total Coliform (MPN/100ml)	Microbiological	APHA-23 rd Edn 17-9221 F	Not Specified	920

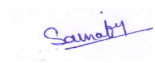
represents categories/test parameters not covered under NABL *# represents Customer Defined Fields

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*****


01-03-2023
Deepika Heera
[Authorized Signatory]


Saurabh Sharma
01-03-2023
Reviewer


01-03-2023
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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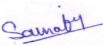
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2302210803 Sample Reg. Date :21-02-2023 Report Date :28-02-2023 Report No. :ICE-2302281164 NABL ULR No. :TC592623000004315F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

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	21-02-2023
n)	Date of Start	21-02-2023
o)	Date of Completion	27-02-2023
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample Collected by lab.rep.on : 17.02.2023


 Saurabh Sharma
 28-02-2023
 Reviewer


 28-02-2023
 PremKumar
 [Authorized Signatory]

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar		Sample Reg. No. :E01-2302210803	
		Sample Reg. Date :21-02-2023	
		Report Date :28-02-2023	
		Report No. :ICE-2302281164	
		NABL ULR No. :TC592623000004315F	
		Customer Ref. No.: Order No.5030010814	
		Letter Dated :21.11.2022	
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 (Township)			
S.No.	Parameters	Instrument	Method	Specification	Result
Discipline : Chemical					
Group : Pollution & Environment					
1. General Parameters					
a.	Colour	Visual	IS 3025 (Part 4) : 2021	Not Specified	Colorless
b.	Odour.	Organoleptic	IS 3025 (Part 5) : 2018	Not Specified	None
c.	pH Value	pH Meter	IS: 3025 (Part 11): 2017	6.5-9	6.87
d.	Total Suspended Solids,(mg/L)	Gravimetric	IS 3025 (Part 17): 2017	Max. 100	5
e.	Total Dissolved Solids (mg/L)	Gravimetric	IS 3025 (Part 16) : 2017	Not Specified	358

Saurabh Sharma
28-02-2023
Reviewer

28-02-2023
PremKumar
[Authorized Signatory]

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Panchkula-134109 (Haryana)
Phone : (O) 0172-2561543, 2565825
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Test Report

Document OF : 2501
Page 3 of 3

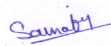
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar			Sample Reg. No. :E01-2302210803 Sample Reg. Date :21-02-2023 Report Date :28-02-2023 Report No. :ICE-2302281164 NABL ULR No. :TC592623000004315F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022		
f.	Chemical Oxygen Demand(mg/L)	COD Reflux Assembly	IS 3025 (Part 58) : 2017	Not Specified	22
g.	Bio-chemical Oxygen Demand, mg/L (3 days at 27°C)	BOD Incubator	IS 3025 (Part 44) : 2019	Max. 30	6
h.	Oil & Grease(mg/L)	Gravimetric	IS 3025 (Part 39) : 2021	Max. 10	<4.0
i.	Free Residual Chlorine (mg/L)	UV-Spectrophotometer	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, Sampling Procedure: SOP/ITC/EW/030, Purpose-For Self Monitoring

REMARKS :N/A

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


 Saurabh Sharma
 28-02-2023
 Reviewer


 28-02-2023
 PremKumar
 [Authorized Signatory]

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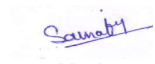
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2302210804 Sample Reg. Date :21-02-2023 Report Date :01-03-2023 Report No. :ICE-2303010029 (2) Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

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	21-02-2023
n)	Date of Start	21-02-2023
o)	Date of Completion	25-03-2023
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample Collected by lab rep. on: 17.02.2023
s)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)


01-03-2023
Deepika Heera
[Authorized Signatory]


Saurabh Sharma
01-03-2023
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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. :E01-2302210804 Sample Reg. Date :21-02-2023 Report Date :01-03-2023 Report No. :ICE-2303010029 (2) Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

t)	Manufactured By [#]	NA
u)	Supplied By [#]	NA

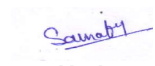
PART B : SUPPLIMENTARY INFORMATIONS

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	Instrument	Method	Specification	Result
Discipline : Chemical					
Group : Pollution & Environment					
1. General Parameters					
a.	Phosphate(as PO ₄), (mg/L)	UV-Spectrophotometer	APHA 23rd Edition 4500 - P D: 2017	Max. 5.0	BLQ(LOQ:0.003)

[#] represents Customer Defined Fields


01-03-2023
Deepika Heera
[Authorized Signatory]


Saurabh Sharma
01-03-2023
Reviewer


01-03-2023
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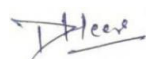
Document QF : 2501
Page 3 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2302210804 Sample Reg. Date :21-02-2023 Report Date :01-03-2023 Report No. :ICE-2303010029 (2) Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

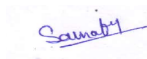
NOTE : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Sampling Procedure: SOP/ITC/EW/030, Purpose-For Self Monitoring

REMARKS :N/A

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



01-03-2023
Deepika Heera
[Authorized Signatory]



Saurabh Sharma
01-03-2023
Reviewer



01-03-2023
PremKumar
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Test Report

Document QF : 2501

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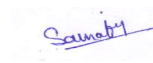
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2303010012 Sample Reg. Date :01-03-2023 Report Date :10-03-2023 Report No. :ICE-2303100562 (1) NABL ULR No. :TC592623000002744F Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

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	01-03-2023
n)	Date of Start	01-03-2023
o)	Date of Completion	10-03-2023
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample collected by lab rep. Mr. Vedpal: 28.02.2023, Sample from Bore Well Down Stream


 10-03-2023
Deepika Heera
 [Authorized Signatory]


 Saurabh Sharma
 10-03-2023
Reviewer


 10-03-2023
PremKumar
 [Authorized Signatory]

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Test Report

Document QF : 2501

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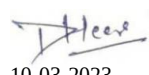
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2303010012 Sample Reg. Date :01-03-2023 Report Date :10-03-2023 Report No. :ICE-2303100562 (1) NABL ULR No. :TC592623000002744F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

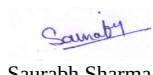
s)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
t)	Manufactured By [#]	NA
u)	Supplied By [#]	NA

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	-	*
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	7.52


10-03-2023
Deepika Heera
[Authorized Signatory]


Saurabh Sharma
10-03-2023
Reviewer


10-03-2023
PremKumar
[Authorized Signatory]

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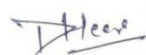
Test Report

Document QF : 2501

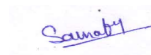
Page 3 of 5

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2303010012 Sample Reg. Date :01-03-2023 Report Date :10-03-2023 Report No. :ICE-2303100562 (1) NABL ULR No. :TC592623000002744F Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

f.	Total Dissolved Solids,(mg/L)	IS: 3025 (P-16)-1984 (RA 2017)	500 Max.	2000 Max.	4025
2.	Parameters Concerning Undesirable Substances in excess amount				
a.	Aluminium as Al, (mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.03 Max.	0.2 Max.	0.016
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: 3025 (P-65)-2014 (RA 2019)	0.7 Max.	No relaxation	0.286
e.	Boron (as B) (mg/l)	IS: 3025 (P-65)-2014 (RA 2019)	0.5 Max.	2.4 Max.	0.018
f.	Calcium(as Ca),(mg/L)	IS: 3025 (Part 40)- 1991 (RA 2019)	75 Max.	200 Max.	109
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.	1970
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.	92


10-03-2023

Deepika Heera
[Authorized Signatory]


10-03-2023

Saurabh Sharma
Reviewer


10-03-2023

Prem Kumar
[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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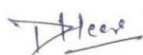
Test Report

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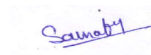
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2303010012 Sample Reg. Date :01-03-2023 Report Date :10-03-2023 Report No. :ICE-2303100562 (1) NABL ULR No. :TC592623000002744F Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

o.	Manganese as Mn, (mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.1 Max.	0.3 Max.	BLQ(LOQ:0.002)
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	32
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.	862
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.	448
w.	Total Hardness(as CaCO ₃)(mg/L)	IS: 3025 (Part 21)-2009 (RA 2019)	200 Max.	600 Max.	662
x.	Zinc(as Zn)(mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	5 Max.	15 Max.	0.538
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	0.004
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)


10-03-2023

Deepika Heera
[Authorized Signatory]


10-03-2023

Saurabh Sharma
Reviewer


10-03-2023

PremKumar
[Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)
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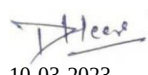
f.	Nickel(as Ni) (mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.02 Max.	No Relaxation	BLQ(LOQ:0.002)
g.	Total Arsenic(as As)(mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.01 Max.	No relaxation	BLQ(LOQ:0.002)
h.	Total Chromium(as Cr)(mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.05 Max.	No Relaxation	BLQ(LOQ:0.002)

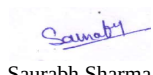
'*' represents categories/test parameters not covered under NABL '#' represents Customer Defined Fields

NOTE : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification. Sampling Procedure : SOP/ITC/EW/030. *
Test not performed because sample is not safe for ingestion.

REMARKS : N/A

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


10-03-2023
Deepika Heera
[Authorized Signatory]


Saurabh Sharma
10-03-2023
Reviewer


10-03-2023
PremKumar
[Authorized Signatory]

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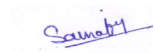
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2303010012 Sample Reg. Date :01-03-2023 Report Date :10-03-2023 Report No. :ICE-2303100562 (2) Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

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	01-03-2023
n)	Date of Start	01-03-2023
o)	Date of Completion	10-03-2023
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample collected by lab rep. Mr. Vedpal: 28.02.2023, Sample from Bore Well Down Stream
s)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)


10-03-2023
Deepika Heera
[Authorized Signatory]


Saurabh Sharma
10-03-2023
Reviewer


10-03-2023
PremKumar
[Authorized Signatory]

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2303010012 Sample Reg. Date :01-03-2023 Report Date :10-03-2023 Report No. :ICE-2303100562 (2) Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

t)	Manufactured By#	NA
u)	Supplied By#	NA

PART B : SUPPLIMENTARY INFORMATIONS

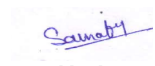
a.	Reference to sampling procedure, whenever applicable	: N/A
b.	Supporting documents for the measurement taken and results derived like graphs, tables, sketches and / or photographs as appropriate to test reports, if any	: N/A
c.	Deviation from the test methods as prescribed in relevant ISS/WORK Instruments,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

Description						
Description		Clear colorless liquid.				
S.No.	Parameters	Instrument	Method	Acceptable Limit	Permissible Limit	Result
	Discipline : Biological					
	Group : Water					
1.	Microbiological Tests					
a.	E.Coli/100 mL	Microbiological	IS:15185(Membrane Filtration Method)	Shall not be detectable in any 100 ml sample	-	Absent
b.	Total Coliform Count/100 mL	Microbiological	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.


10-03-2023
Deepika Heera
[Authorized Signatory]


Saurabh Sharma
10-03-2023
Reviewer


10-03-2023
PremKumar
[Authorized Signatory]

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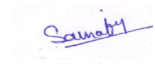
Document QF : 2501
Page 3 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2303010012 Sample Reg. Date :01-03-2023 Report Date :10-03-2023 Report No. :ICE-2303100562 (2) Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

REMARKS :N/A

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


10-03-2023
Deepika Heera
[Authorized Signatory]


Saurabh Sharma
10-03-2023
Reviewer


10-03-2023
PremKumar
[Authorized Signatory]

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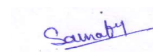
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2303010013 Sample Reg. Date :01-03-2023 Report Date :10-03-2023 Report No. :ICE-2303100563 (1) NABL ULR No. :TC592623000002743F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

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	01-03-2023
n)	Date of Start	01-03-2023
o)	Date of Completion	10-03-2023
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample collected by lab rep. Mr. Vedpal: 28.02.2023, Sample from Bore Well Up Stream


10-03-2023
Deepika Heera
[Authorized Signatory]


Saurabh Sharma
10-03-2023
Reviewer


10-03-2023
PremKumar
[Authorized Signatory]

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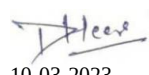
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2303010013 Sample Reg. Date :01-03-2023 Report Date :10-03-2023 Report No. :ICE-2303100563 (1) NABL ULR No. :TC592623000002743F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

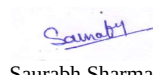
s)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
t)	Manufactured By [#]	NA
u)	Supplied By [#]	NA

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	-	*
c.	Odour	IS: 3025 (P-5)-2018	Agreeable	-	Agreeable
d.	Turbidity (NTU)	IS:3025(Part 10):1984(RA:2017)	1 Max.	5 Max.	0.6
e.	pH Value	IS: 3025 (Part-11): 2022	6.5-8.5	No relaxation	7.89


10-03-2023
Deepika Heera
[Authorized Signatory]


Saurabh Sharma
10-03-2023
Reviewer


10-03-2023
PremKumar
[Authorized Signatory]

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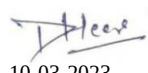
Test Report

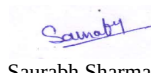
Document QF : 2501

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2303010013 Sample Reg. Date :01-03-2023 Report Date :10-03-2023 Report No. :ICE-2303100563 (1) NABL ULR No. :TC592623000002743F Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

f.	Total Dissolved Solids,(mg/L)	IS: 3025 (P-16)-1984 (RA 2017)	500 Max.	2000 Max.	5430
2.	Parameters Concerning Undesirable Substances in excess amount				
a.	Aluminium as Al, (mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.03 Max.	0.2 Max.	0.009
b.	Ammonia (as total ammonia-N) (mg/L)	IS: 3025 (P-34)-1988 (RA 2019)	0.5 Max.	No Relaxation	0.3
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: 3025 (P-65)-2014 (RA 2019)	0.7 Max.	No relaxation	0.167
e.	Boron (as B) (mg/l)	IS: 3025 (P-65)-2014 (RA 2019)	0.5 Max.	2.4 Max.	0.006
f.	Calcium(as Ca),(mg/L)	IS: 3025 (Part 40)- 1991 (RA 2019)	75 Max.	200 Max.	134
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.	1699
i.	Copper (as Cu)(mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.05 Max.	1.5 Max.	0.004
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.	119


 10-03-2023
Deepika Heera
 [Authorized Signatory]


 Saurabh Sharma
 10-03-2023
 Reviewer


 10-03-2023
PremKumar
 [Authorized Signatory]

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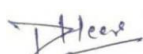
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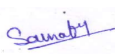
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2303010013 Sample Reg. Date :01-03-2023 Report Date :10-03-2023 Report No. :ICE-2303100563 (1) NABL ULR No. :TC592623000002743F Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

o.	Manganese as Mn, (mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.1 Max.	0.3 Max.	BLQ(LOQ:0.002)
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	32.2
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.	1242
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.	810
w.	Total Hardness(as CaCO ₃)(mg/L)	IS: 3025 (Part 21)-2009 (RA 2019)	200 Max.	600 Max.	182
x.	Zinc(as Zn)(mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	5 Max.	15 Max.	0.313
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	0.003
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)



10-03-2023
Deepika Heera
 [Authorized Signatory]



Saurabh Sharma
 10-03-2023
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10-03-2023
PremKumar
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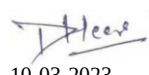
f.	Nickel(as Ni) (mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.02 Max.	No Relaxation	0.018
g.	Total Arsenic(as As)(mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.01 Max.	No relaxation	BLQ(LOQ:0.002)
h.	Total Chromium(as Cr)(mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.05 Max.	No Relaxation	BLQ(LOQ:0.002)

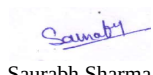
'*' represents categories/test parameters not covered under NABL '#' represents Customer Defined Fields

NOTE : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification. Sampling Procedure : SOP/ITC/EW/030. * Test not performed because sample is not safe for ingestion.

REMARKS : N/A

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


 10-03-2023
 Deepika Heera
 [Authorized Signatory]


 Saurabh Sharma
 10-03-2023
 Reviewer


 10-03-2023
 PremKumar
 [Authorized Signatory]

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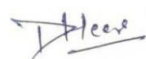
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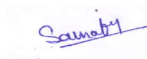
Test Report as per IS: BIS Specification IS:10500-2012	With Amendment No.(s): 01 to 04

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	01-03-2023
n)	Date of Start	01-03-2023
o)	Date of Completion	10-03-2023
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample collected by lab rep. Mr. Vedpal: 28.02.2023, Sample from Bore Well Up Stream
s)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)



10-03-2023
Deepika Heera
[Authorized Signatory]



Saurabh Sharma
10-03-2023
Reviewer



10-03-2023
PremKumar
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t)	Manufactured By [#]	NA
u)	Supplied By [#]	NA

PART B : SUPPLEMENTARY INFORMATIONS

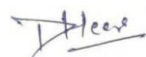
a.	Reference to sampling procedure, whenever applicable	: N/A
b.	Supporting documents for the measurement taken and results derived like graphs, tables, sketches and / or photographs as appropriate to test reports, if any	: N/A
c.	Deviation from the test methods as prescribed in relevant ISS/WORK Instruments,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

Description

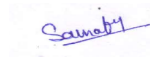
Description	Clear colorless liquid.				
S.No.	Parameters	Method	Acceptable Limit	Permissible Limit	Result
	Discipline : Biological				
	Group : Water				
1.	Microbiological Tests				
a.	E.Coli/100 mL	IS:15185(Membrane Filtration Method)	Shall not be detectable in any 100 ml sample	-	Absent
b.	Total Coliform 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.

REMARKS :N/A


10-03-2023
Deepika Heera
[Authorized Signatory]



Saurabh Sharma
10-03-2023
Reviewer



10-03-2023
PremKumar
[Authorized Signatory]

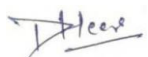
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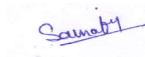
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*****End Of Report*****



10-03-2023
Deepika Heera
[Authorized Signatory]



Saurabh Sharma
10-03-2023
Reviewer



10-03-2023
PremKumar
[Authorized Signatory]

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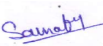
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Test Report as per :	: EPA Act 1986/PCLS/2010
Sampling Information :	
Name of Sample	: Ambient Noise
Date of Monitoring	: 24-02-2023
Time of Monitoring	: Day & Night
Nature of Industry	: Thermal Power Plant
Purpose of Monitoring	: For Self Monitoring

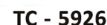
Description					
Description		Noise Monitoring			
S.No.	Parameters	Instrument	Method	Specification	Result
	Discipline : Chemical				
	Group : Atmospheric Pollution				
1.	Location Name				
a.	Near Gate No.1 (Day Time), Leq dB (A)	Noise Meter	IS:9989(RA 2014)	Max. 75.0	56.3
b.	Near Gate No.1 (Night Time), Leq dB (A)	Noise Meter	IS:9989(RA 2014)	Max. 70.0	50.8
c.	Near Gate No.2 (Day Time), Leq dB (A)	Noise Meter	IS:9989(RA 2014)	Max. 75.0	53.7
d.	Near Gate No.2 (Night Time), Leq dB (A)	Noise Meter	IS:9989(RA 2014)	Max. 70.0	49.5
e.	Near Gate No.3 (Day Time), Leq dB (A)	Noise Meter	IS:9989(RA 2014)	Max. 75.0	53.0
f.	Near Gate No.3 (Night Time), Leq dB (A)	Noise Meter	IS:9989(RA 2014)	Max. 70.0	48.8
g.	Near Guest House (Day Time), Leq dB (A)	Noise Meter	IS:9989(RA 2014)	Max. 75.0	52.4
h.	Near Guest House (Night Time), Leq dB (A)	Noise Meter	IS:9989(RA 2014)	Max. 70.0	49.3


Saurabh Sharma
01-03-2023
Reviewer


01-03-2023
PremKumar
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2302251068
	Sample Reg. Date :25-02-2023
	Report Date :01-03-2023
	Report No. :ICE-2303010018
	NABL ULR No. :TC592623000003317F
	Customer Ref. No.: Order No.5030010814
	Letter Dated :21.11.2022

'#' 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
01-03-2023
Reviewer

01-03-2023
PremKumar
[Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.

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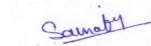
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2303070227 Sample Reg. Date :07-03-2023 Report Date :15-03-2023 Report No. :ICE-2303150710 NABL ULR No. :TC592623000003086F Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Gate No.3
Date of Monitoring	: 02-03-2023
Time of Monitoring	: 12:00 Hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.30
Volume of air sampled,m3	: 1826.40
Avg. Ambient Temperature,°C	: 24

Description					
Description		Ambient Air Quality Monitoring			
S.No.	Parameters	Instrument	Method	Specification	Result
1.	Ambient Air Quality Parameters(Time weighted Avg- 24 Hours)				
a.	Sulphur Dioxide(SO ₂),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-2): 2017	80 Max	10.28
b.	Nitrogen Dioxide(NO ₂),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-6): 2017	80 Max	14.12
c.	Particulate Matter (PM ₁₀),µg/m ³	Gravimetric	IS: 5182 (P-23): 2017	100 Max	109.50
d.	Particulate matter (PM 2.5),µg/m ³	Gravimetric	IS: 5182 (P-24)-2019	60 Max	55.98


Saurabh Sharma
15-03-2023
Reviewer


15-03-2023
PremKumar
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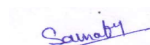
e.	Ammonia(NH ₃),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-25):2018	400 Max	27.15
f.	Lead(As Pb),µg/m ³	ICPOES	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)
2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)				
a.	Ozone(O ₃),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-9): 2019	100 Max.	28.18
b.	Carbon Monoxide(CO),mg/m ³	GC	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	GC	IS: 5182 (P-11): 2017	5 Max	BLQ(LOQ:1.0)
b.	Benzo(a) Pyrene Particulate Phase only,ng/m ³	GCMSMS	IS: 5182 (P-12): 2019	1 Max	BLQ(LOQ:0.5)
c.	Arsenic(as As),ng/m ³	ICPOES	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
d.	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,Requirements 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
15-03-2023
Reviewer



15-03-2023
PremKumar
[Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)
Panchkula-134109 (Haryana)
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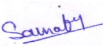
Document QF : 2501

Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2303070226 Sample Reg. Date :07-03-2023 Report Date :15-03-2023 Report No. :ICE-2303150709 NABL ULR No. :TC592623000003087F Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Block C-6
Date of Monitoring	: 02-03-2023
Time of Monitoring	: 12:30 Hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.31
Volume of air sampled,m3	: 1836.76
Avg. Ambient Temperature,°C	: 25

Description					
Description	Ambient Air Quality Monitoring				
S.No.	Parameters	Instrument	Method	Specification	Result
1.	Ambient Air Quality Parameters(Time weighted Avg- 24 Hours)				
a.	Sulphur Dioxide(SO ₂),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-2): 2017	80 Max	8.20
b.	Nitrogen Dioxide(NO ₂),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-6): 2017	80 Max	10.43
c.	Particulate Matter (PM ₁₀),µg/m ³	Gravimetric	IS: 5182 (P-23): 2017	100 Max	87.16
d.	Particulate matter (PM 2.5),µg/m ³	Gravimetric	IS: 5182 (P-24)-2019	60 Max	39.98


Saurabh Sharma
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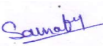
e.	Ammonia(NH ₃),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-25):2018	400 Max	24.14
f.	Lead(As Pb),µg/m ³	ICPOES	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)
2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)				
a.	Ozone(O ₃),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-9): 2019	100 Max.	27.11
b.	Carbon Monoxide(CO),mg/m ³	GC	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	GC	IS: 5182 (P-11): 2017	5 Max	BLQ(LOQ:1.0)
b.	Benzo(a) Pyrene Particulate Phase only,ng/m ³	GCMSMS	IS: 5182 (P-12): 2019	1 Max	BLQ(LOQ:0.5)
c.	Arsenic(as As),ng/m ³	ICPOES	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
d.	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,Requirements 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
15-03-2023
Reviewer


15-03-2023
PremKumar
[Authorized Signatory]

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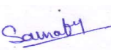
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2303070228 Sample Reg. Date :07-03-2023 Report Date :14-03-2023 Report No. :ICE-2303140685 NABL ULR No. :TC592623000003085F Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Village- Khanpur
Date of Monitoring	: 02-03-2023
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	: 1877.40
Avg. Ambient Temperature,°C	: 23

Description					
Description	Ambient Air Quality Monitoring				
S.No.	Parameters	Instrument	Method	Specification	Result
1.	Ambient Air Quality Parameters(Time weighted Avg- 24 Hours)				
a.	Sulphur Dioxide(SO ₂),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-2): 2017	80 Max	12.43
b.	Nitrogen Dioxide(NO ₂),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-6): 2017	80 Max	17.19
c.	Particulate Matter (PM ₁₀),µg/m ³	Gravimetric	IS: 5182 (P-23): 2017	100 Max	115.21
d.	Particulate matter (PM 2.5),µg/m ³	Gravimetric	IS: 5182 (P-24)-2019	60 Max	63.13


Saurabh Sharma
15-03-2023
Reviewer


15-03-2023
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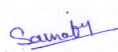
e.	Ammonia(NH ₃),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-25):2018	400 Max	25.22
f.	Lead(As Pb),µg/m ³	ICPOES	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)
2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)				
a.	Ozone(O ₃),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-9): 2019	100 Max.	27.53
b.	Carbon Monoxide(CO),mg/m ³	GC	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	GC	IS: 5182 (P-11): 2017	5 Max	BLQ(LOQ:1.0)
b.	Benzo(a) Pyrene Particulate Phase only,ng/m ³	GCMSMS	IS: 5182 (P-12): 2019	1 Max	BLQ(LOQ:0.5)
c.	Arsenic(as As),ng/m ³	ICPOES	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
d.	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,Requirements 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
15-03-2023
Reviewer


15-03-2023
PremKumar
[Authorized Signatory]

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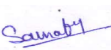
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2303070229 Sample Reg. Date :07-03-2023 Report Date :14-03-2023 Report No. :ICE-2303140686 NABL ULR No. :TC592623000003084F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Shakti Vihar
Date of Monitoring	: 02-03-2023
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	: 1.31
Volume of air sampled, m ³	: 1842.94
Avg. Ambient Temperature, °C	: 24

Description					
Description		Ambient Air Quality Monitoring			
S.No.	Parameters	Instrument	Method	Specification	Result
1.	Ambient Air Quality Parameters(Time weighted Avg- 24 Hours)				
a.	Sulphur Dioxide(SO ₂), µg/m ³	UV-Spectrophotometer	IS: 5182 (P-2): 2017	80 Max	6.21
b.	Nitrogen Dioxide(NO ₂), µg/m ³	UV-Spectrophotometer	IS: 5182 (P-6): 2017	80 Max	10.23
c.	Particulate Matter (PM ₁₀), µg/m ³	Gravimetric	IS: 5182 (P-23): 2017	100 Max	84.27
d.	Particulate matter (PM 2.5), µg/m ³	Gravimetric	IS: 5182 (P-24)-2019	60 Max	30.30


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15-03-2023
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Page 2 of 2

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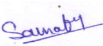
e.	Ammonia(NH ₃),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-25):2018	400 Max	25.19
f.	Lead(As Pb),µg/m ³	ICPOES	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)
2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)				
a.	Ozone(O ₃),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-9): 2019	100 Max.	30.18
b.	Carbon Monoxide(CO),mg/m ³	GC	IS: 5182 (P-10): 2019	2 Max.	BLQ(LOQ:1.14)
3.	Ambient Air Quality Parameters(Time weighted Avg- Annual*)				
a.	Benzene(C ₆ H ₆),µg/m ³	GC	IS: 5182 (P-11): 2017	5 Max	BLQ(LOQ:1.0)
b.	Benzo(a) Pyrene Particulate Phase only,ng/m ³	GCMSMS	IS: 5182 (P-12): 2019	1 Max	BLQ(LOQ:0.5)
c.	Arsenic(as As),ng/m ³	ICPOES	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
d.	Nickel(As Ni),ng/m ³	ICPOES	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,Requirements 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
15-03-2023
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[Authorized Signatory]

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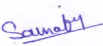
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2303180683 Sample Reg. Date :18-03-2023 Report Date :28-03-2023 Report No. :ICE-2303281480 NABL ULR No. :TC592623000003786F Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Gate No.3
Date of Monitoring	: 06-03-2023
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	: 1871.08
Avg. Ambient Temperature,°C	: 24

Description					
Description	Ambient Air Quality Monitoring				
S.No.	Parameters	Instrument	Method	Specification	Result
1.	Ambient Air Quality Parameters(Time weighted Avg- 24 Hours)				
a.	Sulphur Dioxide(SO ₂),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-2): 2017	80 Max	10.20
b.	Nitrogen Dioxide(NO ₂),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-6): 2017	80 Max	18.52
c.	Particulate Matter (PM ₁₀),µg/m ³	Gravimetric	IS: 5182 (P-23): 2017	100 Max	87.17
d.	Particulate matter (PM 2.5),µg/m ³	Gravimetric	IS: 5182 (P-24)-2019	60 Max	42.09


Saurabh Sharma
28-03-2023
Reviewer


29-03-2023
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[Authorized Signatory]

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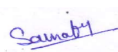
e.	Ammonia(NH ₃),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-25):2018	400 Max	36.60
f.	Lead(As Pb),µg/m ³	ICPOES	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)
2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)				
a.	Ozone(O ₃),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-9): 2019	100 Max.	28.36
b.	Carbon Monoxide(CO),mg/m ³	GC	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	GC	IS: 5182 (P-11): 2017	5 Max	BLQ(LOQ:1.0)
b.	Benzo(a) Pyrene Particulate Phase only,ng/m ³	GCMSMS	IS: 5182 (P-12): 2019	1 Max	BLQ(LOQ:0.5)
c.	Arsenic(as As),ng/m ³	ICPOES	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
d.	Nickel(As Ni),ng/m ³	ICPOES	STP/ITC/EW/002	20 Max.	BLQ(LOQ:1.0)

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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*****


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28-03-2023
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[Authorized Signatory]

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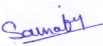
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2303180681 Sample Reg. Date :18-03-2023 Report Date :28-03-2023 Report No. :ICE-2303281478 NABL ULR No. :TC592623000003784F Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Block C-3
Date of Monitoring	: 06-03-2023
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	: 1848.28
Avg. Ambient Temperature,°C	: 25

Description					
Description	Ambient Air Quality Monitoring				
S.No.	Parameters	Instrument	Method	Specification	Result
1.	Ambient Air Quality Parameters(Time weighted Avg- 24 Hours)				
a.	Sulphur Dioxide(SO ₂),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-2): 2017	80 Max	9.32
b.	Nitrogen Dioxide(NO ₂),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-6): 2017	80 Max	20.33
c.	Particulate Matter (PM ₁₀),µg/m ³	Gravimetric	IS: 5182 (P-23): 2017	100 Max	82.13
d.	Particulate matter (PM 2.5),µg/m ³	Gravimetric	IS: 5182 (P-24)-2019	60 Max	36.62


Saurabh Sharma
28-03-2023
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29-03-2023
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Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2303180681 Sample Reg. Date :18-03-2023 Report Date :28-03-2023 Report No. :ICE-2303281478 NABL ULR No. :TC592623000003784F Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

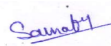
e.	Ammonia(NH ₃),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-25):2018	400 Max	32.12
f.	Lead(As Pb),µg/m ³	ICPOES	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)
2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)				
a.	Ozone(O ₃),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-9): 2019	100 Max.	27.39
b.	Carbon Monoxide(CO),mg/m ³	GC	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	GC	IS: 5182 (P-11): 2017	5 Max	BLQ(LOQ:1.0)
b.	Benzo(a) Pyrene Particulate Phase only,ng/m ³	GCMSMS	IS: 5182 (P-12): 2019	1 Max	BLQ(LOQ:0.5)
c.	Arsenic(as As),ng/m ³	ICPOES	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
d.	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,Requirements 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
28-03-2023
Reviewer


29-03-2023
PremKumar
[Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.
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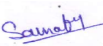
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Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2303180686 Sample Reg. Date :18-03-2023 Report Date :28-03-2023 Report No. :ICE-2303281483 NABL ULR No. :TC592623000003773F Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Village-Khanpur
Date of Monitoring	: 06-03-2023
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	: 1857.01
Avg. Ambient Temperature,°C	: 24

Description					
Description	Ambient Air Quality Monitoring				
S.No.	Parameters	Instrument	Method	Specification	Result
1.	Ambient Air Quality Parameters(Time weighted Avg- 24 Hours)				
a.	Sulphur Dioxide(SO ₂),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-2): 2017	80 Max	8.48
b.	Nitrogen Dioxide(NO ₂),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-6): 2017	80 Max	17.30
c.	Particulate Matter (PM ₁₀),µg/m ³	Gravimetric	IS: 5182 (P-23): 2017	100 Max	90.47
d.	Particulate matter (PM 2.5),µg/m ³	Gravimetric	IS: 5182 (P-24)-2019	60 Max	44.61


Saurabh Sharma
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2303180686 Sample Reg. Date :18-03-2023 Report Date :28-03-2023 Report No. :ICE-2303281483 NABL ULR No. :TC592623000003773F Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

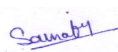
e.	Ammonia(NH ₃),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-25):2018	400 Max	33.66
f.	Lead(As Pb),µg/m ³	ICPOES	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)
2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)				
a.	Ozone(O ₃),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-9): 2019	100 Max.	22.51
b.	Carbon Monoxide(CO),mg/m ³	GC	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	GC	IS: 5182 (P-11): 2017	5 Max	BLQ(LOQ:1.0)
b.	Benzo(a) Pyrene Particulate Phase only,ng/m ³	GCMSMS	IS: 5182 (P-12): 2019	1 Max	BLQ(LOQ:0.5)
c.	Arsenic(as As),ng/m ³	ICPOES	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
d.	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,Requirements 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
 28-03-2023
 Reviewer


 29-03-2023
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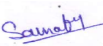
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2303180687 Sample Reg. Date :18-03-2023 Report Date :28-03-2023 Report No. :ICE-2303281484 NABL ULR No. :TC592623000003776F Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Shakti Vihar
Date of Monitoring	: 06-03-2023
Time of Monitoring	: 12:20 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	: 1788.69
Avg. Ambient Temperature,°C	: 26

Description					
Description	Ambient Air Quality Monitoring				
S.No.	Parameters	Instrument	Method	Specification	Result
1.	Ambient Air Quality Parameters(Time weighted Avg- 24 Hours)				
a.	Sulphur Dioxide(SO ₂),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-2): 2017	80 Max	8.66
b.	Nitrogen Dioxide(NO ₂),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-6): 2017	80 Max	18.20
c.	Particulate Matter (PM ₁₀),µg/m ³	Gravimetric	IS: 5182 (P-23): 2017	100 Max	88.44
d.	Particulate matter (PM 2.5),µg/m ³	Gravimetric	IS: 5182 (P-24)-2019	60 Max	42.09


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28-03-2023
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2303180687 Sample Reg. Date :18-03-2023 Report Date :28-03-2023 Report No. :ICE-2303281484 NABL ULR No. :TC592623000003776F Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

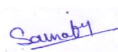
e.	Ammonia(NH ₃),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-25):2018	400 Max	28.31
f.	Lead(As Pb),µg/m ³	ICPOES	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)
2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)				
a.	Ozone(O ₃),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-9): 2019	100 Max.	25.15
b.	Carbon Monoxide(CO),mg/m ³	GC	IS: 5182 (P-10): 2019	2 Max.	BLQ(LOQ:1.14)
3.	Ambient Air Quality Parameters(Time weighted Avg- Annual*)				
a.	Benzene(C ₆ H ₆),µg/m ³	GC	IS: 5182 (P-11): 2017	5 Max	BLQ(LOQ:1.0)
b.	Benzo(a) Pyrene Particulate Phase only,ng/m ³	GCMSMS	IS: 5182 (P-12): 2019	1 Max	BLQ(LOQ:0.5)
c.	Arsenic(as As),ng/m ³	ICPOES	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
d.	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,Requirements 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
28-03-2023
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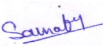
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2303180691 Sample Reg. Date :18-03-2023 Report Date :28-03-2023 Report No. :ICE-2303281485 NABL ULR No. :TC592623000003789F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Gate No.3
Date of Monitoring	: 09-03-2023
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	: 1857.01
Avg. Ambient Temperature,°C	: 24

Description					
Description		Ambient Air Quality Monitoring			
S.No.	Parameters	Instrument	Method	Specification	Result
1.	Ambient Air Quality Parameters(Time weighted Avg- 24 Hours)				
a.	Sulphur Dioxide(SO ₂),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-2): 2017	80 Max	13.27
b.	Nitrogen Dioxide(NO ₂),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-6): 2017	80 Max	16.42
c.	Particulate Matter (PM ₁₀),µg/m ³	Gravimetric	IS: 5182 (P-23): 2017	100 Max	104.25
d.	Particulate matter (PM 2.5),µg/m ³	Gravimetric	IS: 5182 (P-24)-2019	60 Max	54.29


Saurabh Sharma
28-03-2023
Reviewer


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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2303180691 Sample Reg. Date :18-03-2023 Report Date :28-03-2023 Report No. :ICE-2303281485 NABL ULR No. :TC592623000003789F Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

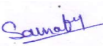
e.	Ammonia(NH ₃),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-25):2018	400 Max	36.14
f.	Lead(As Pb),µg/m ³	ICPOES	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)
2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)				
a.	Ozone(O ₃),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-9): 2019	100 Max.	28.54
b.	Carbon Monoxide(CO),mg/m ³	GC	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	GC	IS: 5182 (P-11): 2017	5 Max	BLQ(LOQ:1.0)
b.	Benzo(a) Pyrene Particulate Phase only,ng/m ³	GCMSMS	IS: 5182 (P-12): 2019	1 Max	BLQ(LOQ:0.5)
c.	Arsenic(as As),ng/m ³	ICPOES	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
d.	Nickel(As Ni),ng/m ³	ICPOES	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,Requirements 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*****


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28-03-2023
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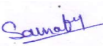
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2303180690 Sample Reg. Date :18-03-2023 Report Date :28-03-2023 Report No. :ICE-2303281486 NABL ULR No. :TC592623000003787F Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Block C-6
Date of Monitoring	: 09-03-2023
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	: 1864.80
Avg. Ambient Temperature,°C	: 25

Description					
Description	Ambient Air Quality Monitoring				
S.No.	Parameters	Instrument	Method	Specification	Result
1.	Ambient Air Quality Parameters(Time weighted Avg- 24 Hours)				
a.	Sulphur Dioxide(SO ₂),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-2): 2017	80 Max	6.47
b.	Nitrogen Dioxide(NO ₂),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-6): 2017	80 Max	19.41
c.	Particulate Matter (PM ₁₀),µg/m ³	Gravimetric	IS: 5182 (P-23): 2017	100 Max	90.09
d.	Particulate matter (PM 2.5),µg/m ³	Gravimetric	IS: 5182 (P-24)-2019	60 Max	43.64


Saurabh Sharma
28-03-2023
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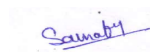
e.	Ammonia(NH ₃),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-25):2018	400 Max	32.19
f.	Lead(As Pb),µg/m ³	ICPOES	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)
2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)				
a.	Ozone(O ₃),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-9): 2019	100 Max.	23.60
b.	Carbon Monoxide(CO),mg/m ³	GC	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	GC	IS: 5182 (P-11): 2017	5 Max	BLQ(LOQ:1.0)
b.	Benzo(a) Pyrene Particulate Phase only,ng/m ³	GCMSMS	IS: 5182 (P-12): 2019	1 Max	BLQ(LOQ:0.5)
c.	Arsenic(as As),ng/m ³	ICPOES	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
d.	Nickel(As Ni),ng/m ³	ICPOES	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,Requirements 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

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28-03-2023
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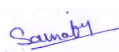
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2303180692 Sample Reg. Date :18-03-2023 Report Date :28-03-2023 Report No. :ICE-2303281487 NABL ULR No. :TC592623000003790F Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Village-Khanpur
Date of Monitoring	: 09-03-2023
Time of Monitoring	: 10:30 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.33
Volume of air sampled,m3	: 1877.40
Avg. Ambient Temperature,°C	: 23

Description					
Description		Ambient Air Quality Monitoring			
S.No.	Parameters	Instrument	Method	Specification	Result
1.	Ambient Air Quality Parameters(Time weighted Avg- 24 Hours)				
a.	Sulphur Dioxide(SO ₂),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-2): 2017	80 Max	6.49
b.	Nitrogen Dioxide(NO ₂),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-6): 2017	80 Max	18.46
c.	Particulate Matter (PM ₁₀),µg/m ³	Gravimetric	IS: 5182 (P-23): 2017	100 Max	92.31
d.	Particulate matter (PM 2.5),µg/m ³	Gravimetric	IS: 5182 (P-24)-2019	60 Max	37.46


Saurabh Sharma
28-03-2023
Reviewer


29-03-2023
PremKumar
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2303180692 Sample Reg. Date :18-03-2023 Report Date :28-03-2023 Report No. :ICE-2303281487 NABL ULR No. :TC592623000003790F Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

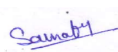
e.	Ammonia(NH ₃),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-25):2018	400 Max	27.58
f.	Lead(As Pb),µg/m ³	ICPOES	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)
2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)				
a.	Ozone(O ₃),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-9): 2019	100 Max.	24.05
b.	Carbon Monoxide(CO),mg/m ³	GC	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	GC	IS: 5182 (P-11): 2017	5 Max	BLQ(LOQ:1.0)
b.	Benzo(a) Pyrene Particulate Phase only,ng/m ³	GCMSMS	IS: 5182 (P-12): 2019	1 Max	BLQ(LOQ:0.5)
c.	Arsenic(as As),ng/m ³	ICPOES	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
d.	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,Requirements 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
28-03-2023
Reviewer


29-03-2023
PremKumar
[Authorized Signatory]

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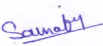
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2303180693 Sample Reg. Date :18-03-2023 Report Date :28-03-2023 Report No. :ICE-2303281488 NABL ULR No. :TC592623000003778F Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Shakti Vihar
Date of Monitoring	: 09-03-2023
Time of Monitoring	: 12:30 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.32
Volume of air sampled,m3	: 1850.78
Avg. Ambient Temperature,°C	: 25

Description					
Description	Ambient Air Quality Monitoring				
S.No.	Parameters	Instrument	Method	Specification	Result
1.	Ambient Air Quality Parameters(Time weighted Avg- 24 Hours)				
a.	Sulphur Dioxide(SO ₂),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-2): 2017	80 Max	11.35
b.	Nitrogen Dioxide(NO ₂),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-6): 2017	80 Max	17.47
c.	Particulate Matter (PM ₁₀),µg/m ³	Gravimetric	IS: 5182 (P-23): 2017	100 Max	83.15
d.	Particulate matter (PM 2.5),µg/m ³	Gravimetric	IS: 5182 (P-24)-2019	60 Max	40.40


Saurabh Sharma
28-03-2023
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Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2303180693 Sample Reg. Date :18-03-2023 Report Date :28-03-2023 Report No. :ICE-2303281488 NABL ULR No. :TC592623000003778F Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

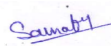
e.	Ammonia(NH ₃),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-25):2018	400 Max	32.53
f.	Lead(As Pb),µg/m ³	ICPOES	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)
2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)				
a.	Ozone(O ₃),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-9): 2019	100 Max.	28.30
b.	Carbon Monoxide(CO),mg/m ³	GC	IS: 5182 (P-10): 2019	2 Max.	BLQ(LOQ:1.14)
3.	Ambient Air Quality Parameters(Time weighted Avg- Annual*)				
a.	Benzene(C ₆ H ₆),µg/m ³	GC	IS: 5182 (P-11): 2017	5 Max	BLQ(LOQ:1.0)
b.	Benzo(a) Pyrene Particulate Phase only,ng/m ³	GCMSMS	IS: 5182 (P-12): 2019	1 Max	BLQ(LOQ:0.5)
c.	Arsenic(as As),ng/m ³	ICPOES	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
d.	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,Requirements 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
28-03-2023
Reviewer


29-03-2023
PremKumar
[Authorized Signatory]

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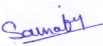
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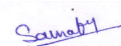
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2303230876 Sample Reg. Date :23-03-2023 Report Date :28-03-2023 Report No. :ICE-2303281453 NABL ULR No. :TC592623000003719F Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Gate No.3
Date of Monitoring	: 13-03-2023
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	: 1852.37
Avg. Ambient Temperature,°C	: 27

Description					
Description	Ambient Air Quality Monitoring				
S.No.	Parameters	Instrument	Method	Specification	Result
1.	Ambient Air Quality Parameters(Time weighted Avg- 24 Hours)				
a.	Sulphur Dioxide(SO ₂),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-2): 2017	80 Max	13.28
b.	Nitrogen Dioxide(NO ₂),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-6): 2017	80 Max	24.12
c.	Particulate Matter (PM ₁₀),µg/m ³	Gravimetric	IS: 5182 (P-23): 2017	100 Max	104.57
d.	Particulate matter (PM 2.5),µg/m ³	Gravimetric	IS: 5182 (P-24)-2019	60 Max	52.61


Saurabh Sharma
28-03-2023
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29-03-2023
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Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2303230876 Sample Reg. Date :23-03-2023 Report Date :28-03-2023 Report No. :ICE-2303281453 NABL ULR No. :TC592623000003719F Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

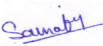
e.	Ammonia(NH ₃),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-25):2018	400 Max	30.12
f.	Lead(As Pb),µg/m ³	ICPOES	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)
2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)				
a.	Ozone(O ₃),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-9): 2019	100 Max.	27.57
b.	Carbon Monoxide(CO),mg/m ³	GC	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	GC	IS: 5182 (P-11): 2017	5 Max	BLQ(LOQ:1.0)
b.	Benzo(a) Pyrene Particulate Phase only,ng/m ³	GCMSMS	IS: 5182 (P-12): 2019	1 Max	BLQ(LOQ:0.5)
c.	Arsenic(as As),ng/m ³	ICPOES	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
d.	Nickel(As Ni),ng/m ³	ICPOES	STP/ITC/EW/002	20 Max.	BLQ(LOQ:1.0)

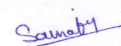
'#' represents Customer Defined Fields

NOTE : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification,Requirements 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
28-03-2023
Reviewer


29-03-2023
Saurabh Sharma
[Authorized Signatory]

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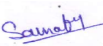
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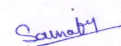
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2303230875 Sample Reg. Date :23-03-2023 Report Date :28-03-2023 Report No. :ICE-2303281452 NABL ULR No. :TC592623000003728F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Block C-3
Date of Monitoring	: 13-03-2023
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	: 1838.44
Avg. Ambient Temperature,°C	: 27

Description					
Description	Ambient Air Quality Monitoring				
S.No.	Parameters	Instrument	Method	Specification	Result
1.	Ambient Air Quality Parameters(Time weighted Avg- 24 Hours)				
a.	Sulphur Dioxide(SO ₂),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-2): 2017	80 Max	12.23
b.	Nitrogen Dioxide(NO ₂),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-6): 2017	80 Max	23.17
c.	Particulate Matter (PM ₁₀),µg/m ³	Gravimetric	IS: 5182 (P-23): 2017	100 Max	102.53
d.	Particulate matter (PM 2.5),µg/m ³	Gravimetric	IS: 5182 (P-24)-2019	60 Max	54.29


Saurabh Sharma
28-03-2023
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29-03-2023
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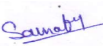
e.	Ammonia(NH ₃),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-25):2018	400 Max	32.06
f.	Lead(As Pb),µg/m ³	ICPOES	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)
2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)				
a.	Ozone(O ₃),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-9): 2019	100 Max.	24.34
b.	Carbon Monoxide(CO),mg/m ³	GC	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	GC	IS: 5182 (P-11): 2017	5 Max	BLQ(LOQ:1.0)
b.	Benzo(a) Pyrene Particulate Phase only,ng/m ³	GCMSMS	IS: 5182 (P-12): 2019	1 Max	BLQ(LOQ:0.5)
c.	Arsenic(as As),ng/m ³	ICPOES	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
d.	Nickel(As Ni),ng/m ³	ICPOES	STP/ITC/EW/002	20 Max.	BLQ(LOQ:1.0)

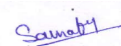
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REMARKS :*Annual arithmetic mean of minimum 104 measurements in a year at a particular site taken twice a week 24 hourly at uniform intervals

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


Saurabh Sharma
28-03-2023
Reviewer


29-03-2023
Saurabh Sharma
[Authorized Signatory]

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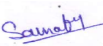
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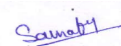
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2303230877 Sample Reg. Date :23-03-2023 Report Date :28-03-2023 Report No. :ICE-2303281454 NABL ULR No. :TC592623000003722F Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Village-Khanpur
Date of Monitoring	: 13-03-2023
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	: 1860.10
Avg. Ambient Temperature,°C	: 28

Description					
Description	Ambient Air Quality Monitoring				
S.No.	Parameters	Instrument	Method	Specification	Result
1.	Ambient Air Quality Parameters(Time weighted Avg- 24 Hours)				
a.	Sulphur Dioxide(SO ₂),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-2): 2017	80 Max	9.47
b.	Nitrogen Dioxide(NO ₂),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-6): 2017	80 Max	16.58
c.	Particulate Matter (PM ₁₀),µg/m ³	Gravimetric	IS: 5182 (P-23): 2017	100 Max	97.25
d.	Particulate matter (PM 2.5),µg/m ³	Gravimetric	IS: 5182 (P-24)-2019	60 Max	46.72


Saurabh Sharma
28-03-2023
Reviewer


29-03-2023
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. :E01-2303230877 Sample Reg. Date :23-03-2023 Report Date :28-03-2023 Report No. :ICE-2303281454 NABL ULR No. :TC592623000003722F Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

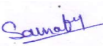
e.	Ammonia(NH ₃),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-25):2018	400 Max	29.42
f.	Lead(As Pb),µg/m ³	ICPOES	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)
2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)				
a.	Ozone(O ₃),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-9): 2019	100 Max.	21.55
b.	Carbon Monoxide(CO),mg/m ³	GC	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	GC	IS: 5182 (P-11): 2017	5 Max	BLQ(LOQ:1.0)
b.	Benzo(a) Pyrene Particulate Phase only,ng/m ³	GCMSMS	IS: 5182 (P-12): 2019	1 Max	BLQ(LOQ:0.5)
c.	Arsenic(as As),ng/m ³	ICPOES	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
d.	Nickel(As Ni),ng/m ³	ICPOES	STP/ITC/EW/002	20 Max.	BLQ(LOQ:1.0)

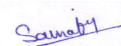
'#' represents Customer Defined Fields

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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
28-03-2023
Reviewer


29-03-2023
Saurabh Sharma
[Authorized Signatory]

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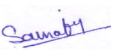
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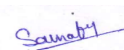
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2303230878 Sample Reg. Date :23-03-2023 Report Date :28-03-2023 Report No. :ICE-2303281455 NABL ULR No. :TC592623000003718F Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Shakti Vihar
Date of Monitoring	: 13-03-2023
Time of Monitoring	: 12:40 hrs
Purpose of Monitoring	: To assess the Pollution level
Duration of Monitoring,minutes	: For Self Monitoring
Avg. Flow Rate of Sampling,m3/min	: 1.27
Volume of air sampled,m3	: 1762.93
Avg. Ambient Temperature,°C	: 28

Description					
Description		Ambient Air Quality Monitoring			
S.No.	Parameters	Instrument	Method	Specification	Result
1.	Ambient Air Quality Parameters(Time weighted Avg- 24 Hours)				
a.	Sulphur Dioxide(SO ₂),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-2): 2017	80 Max	8.72
b.	Nitrogen Dioxide(NO ₂),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-6): 2017	80 Max	18.21
c.	Particulate Matter (PM ₁₀),µg/m ³	Gravimetric	IS: 5182 (P-23): 2017	100 Max	92.12
d.	Particulate matter (PM 2.5),µg/m ³	Gravimetric	IS: 5182 (P-24)-2019	60 Max	45.45


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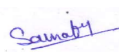
e.	Ammonia(NH ₃),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-25):2018	400 Max	30.11
f.	Lead(As Pb),µg/m ³	ICPOES	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)
2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)				
a.	Ozone(O ₃),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-9): 2019	100 Max.	26.36
b.	Carbon Monoxide(CO),mg/m ³	GC	IS: 5182 (P-10): 2019	2 Max.	BLQ(LOQ:1.14)
3.	Ambient Air Quality Parameters(Time weighted Avg- Annual*)				
a.	Benzene(C ₆ H ₆),µg/m ³	GC	IS: 5182 (P-11): 2017	5 Max	BLQ(LOQ:1.0)
b.	Benzo(a) Pyrene Particulate Phase only,ng/m ³	GCMSMS	IS: 5182 (P-12): 2019	1 Max	BLQ(LOQ:0.5)
c.	Arsenic(as As),ng/m ³	ICPOES	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
d.	Nickel(As Ni),ng/m ³	ICPOES	STP/ITC/EW/002	20 Max.	BLQ(LOQ:1.0)

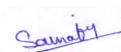
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*****End Of Report*****


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28-03-2023
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29-03-2023
Saurabh Sharma
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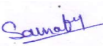
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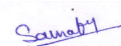
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2303230872 Sample Reg. Date :23-03-2023 Report Date :28-03-2023 Report No. :ICE-2303281449 NABL ULR No. :TC592623000003714F Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Gate No.3
Date of Monitoring	: 16-03-2023
Time of Monitoring	: 12:55 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.26
Volume of air sampled,m3	: 1754.87
Avg. Ambient Temperature,°C	: 27

Description					
Description	Ambient Air Quality Monitoring				
S.No.	Parameters	Instrument	Method	Specification	Result
1.	Ambient Air Quality Parameters(Time weighted Avg- 24 Hours)				
a.	Sulphur Dioxide(SO ₂),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-2): 2017	80 Max	10.49
b.	Nitrogen Dioxide(NO ₂),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-6): 2017	80 Max	19.10
c.	Particulate Matter (PM ₁₀),µg/m ³	Gravimetric	IS: 5182 (P-23): 2017	100 Max	113.40
d.	Particulate matter (PM 2.5),µg/m ³	Gravimetric	IS: 5182 (P-24)-2019	60 Max	65.24


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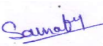
e.	Ammonia(NH ₃),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-25):2018	400 Max	32.40
f.	Lead(As Pb),µg/m ³	ICPOES	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)
2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)				
a.	Ozone(O ₃),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-9): 2019	100 Max.	23.33
b.	Carbon Monoxide(CO),mg/m ³	GC	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	GC	IS: 5182 (P-11): 2017	5 Max	BLQ(LOQ:1.0)
b.	Benzo(a) Pyrene Particulate Phase only,ng/m ³	GCMSMS	IS: 5182 (P-12): 2019	1 Max	BLQ(LOQ:0.5)
c.	Arsenic(as As),ng/m ³	ICPOES	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
d.	Nickel(As Ni),ng/m ³	ICPOES	STP/ITC/EW/002	20 Max.	BLQ(LOQ:1.0)

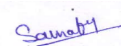
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REMARKS :*Annual arithmetic mean of minimum 104 measurements in a year at a particular site taken twice a week 24 hourly at uniform intervals

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


Saurabh Sharma
28-03-2023
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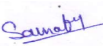
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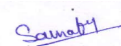
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2303230871 Sample Reg. Date :23-03-2023 Report Date :28-03-2023 Report No. :ICE-2303281448 NABL ULR No. :TC592623000003750F Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Block C-6
Date of Monitoring	: 16-03-2023
Time of Monitoring	: 13:30 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	: 1857.58
Avg. Ambient Temperature, °C	: 28

Description					
Description		Ambient Air Quality Monitoring			
S.No.	Parameters	Instrument	Method	Specification	Result
1.	Ambient Air Quality Parameters(Time weighted Avg- 24 Hours)				
a.	Sulphur Dioxide(SO ₂), µg/m ³	UV-Spectrophotometer	IS: 5182 (P-2): 2017	80 Max	12.54
b.	Nitrogen Dioxide(NO ₂), µg/m ³	UV-Spectrophotometer	IS: 5182 (P-6): 2017	80 Max	18.23
c.	Particulate Matter (PM ₁₀), µg/m ³	Gravimetric	IS: 5182 (P-23): 2017	100 Max	110.20
d.	Particulate matter (PM 2.5), µg/m ³	Gravimetric	IS: 5182 (P-24)-2019	60 Max	63.97


Saurabh Sharma
28-03-2023
Reviewer


29-03-2023
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Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2303230871 Sample Reg. Date :23-03-2023 Report Date :28-03-2023 Report No. :ICE-2303281448 NABL ULR No. :TC592623000003750F Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

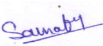
e.	Ammonia(NH ₃),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-25):2018	400 Max	34.27
f.	Lead(As Pb),µg/m ³	ICPOES	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)
2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)				
a.	Ozone(O ₃),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-9): 2019	100 Max.	27.45
b.	Carbon Monoxide(CO),mg/m ³	GC	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	GC	IS: 5182 (P-11): 2017	5 Max	BLQ(LOQ:1.0)
b.	Benzo(a) Pyrene Particulate Phase only,ng/m ³	GCMSMS	IS: 5182 (P-12): 2019	1 Max	BLQ(LOQ:0.5)
c.	Arsenic(as As),ng/m ³	ICPOES	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
d.	Nickel(As Ni),ng/m ³	ICPOES	STP/ITC/EW/002	20 Max.	BLQ(LOQ:1.0)

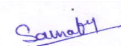
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REMARKS :*Annual arithmetic mean of minimum 104 measurements in a year at a particular site taken twice a week 24 hourly at uniform intervals

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


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28-03-2023
Reviewer


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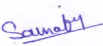
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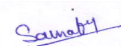
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2303230873 Sample Reg. Date :23-03-2023 Report Date :28-03-2023 Report No. :ICE-2303281450 NABL ULR No. :TC592623000003731F Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Village-Khanpur
Date of Monitoring	: 16-03-2023
Time of Monitoring	: 12:10 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.29
Volume of air sampled,m3	: 1794.23
Avg. Ambient Temperature,°C	: 27

Description					
Description		Ambient Air Quality Monitoring			
S.No.	Parameters	Instrument	Method	Specification	Result
1.	Ambient Air Quality Parameters(Time weighted Avg- 24 Hours)				
a.	Sulphur Dioxide(SO ₂),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-2): 2017	80 Max	9.45
b.	Nitrogen Dioxide(NO ₂),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-6): 2017	80 Max	18.28
c.	Particulate Matter (PM ₁₀),µg/m ³	Gravimetric	IS: 5182 (P-23): 2017	100 Max	96.59
d.	Particulate matter (PM 2.5),µg/m ³	Gravimetric	IS: 5182 (P-24)-2019	60 Max	47.98


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28-03-2023
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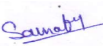
e.	Ammonia(NH ₃),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-25):2018	400 Max	35.19
f.	Lead(As Pb),µg/m ³	ICPOES	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)
2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)				
a.	Ozone(O ₃),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-9): 2019	100 Max.	28.40
b.	Carbon Monoxide(CO),mg/m ³	GC	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	GC	IS: 5182 (P-11): 2017	5 Max	BLQ(LOQ:1.0)
b.	Benzo(a) Pyrene Particulate Phase only,ng/m ³	GCMSMS	IS: 5182 (P-12): 2019	1 Max	BLQ(LOQ:0.5)
c.	Arsenic(as As),ng/m ³	ICPOES	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
d.	Nickel(As Ni),ng/m ³	ICPOES	STP/ITC/EW/002	20 Max.	BLQ(LOQ:1.0)

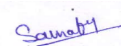
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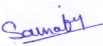
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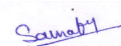
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2303230874 Sample Reg. Date :23-03-2023 Report Date :28-03-2023 Report No. :ICE-2303281451 NABL ULR No. :TC592623000003743F Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Shakti Vihar
Date of Monitoring	: 16-03-2023
Time of Monitoring	: 13:50 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.27
Volume of air sampled, m ³	: 1762.93
Avg. Ambient Temperature, °C	: 28

Description					
Description	Ambient Air Quality Monitoring				
S.No.	Parameters	Instrument	Method	Specification	Result
1.	Ambient Air Quality Parameters (Time weighted Avg- 24 Hours)				
a.	Sulphur Dioxide(SO ₂), µg/m ³	UV-Spectrophotometer	IS: 5182 (P-2): 2017	80 Max	11.21
b.	Nitrogen Dioxide(NO ₂), µg/m ³	UV-Spectrophotometer	IS: 5182 (P-6): 2017	80 Max	21.46
c.	Particulate Matter (PM ₁₀), µg/m ³	Gravimetric	IS: 5182 (P-23): 2017	100 Max	94.56
d.	Particulate matter (PM 2.5), µg/m ³	Gravimetric	IS: 5182 (P-24)-2019	60 Max	47.14


Saurabh Sharma
28-03-2023
Reviewer


29-03-2023
Saurabh Sharma
[Authorized Signatory]

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2303230874 Sample Reg. Date :23-03-2023 Report Date :28-03-2023 Report No. :ICE-2303281451 NABL ULR No. :TC592623000003743F Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

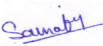
e.	Ammonia(NH ₃),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-25):2018	400 Max	30.45
f.	Lead(As Pb),µg/m ³	ICPOES	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)
2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)				
a.	Ozone(O ₃),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-9): 2019	100 Max.	26.09
b.	Carbon Monoxide(CO),mg/m ³	GC	IS: 5182 (P-10): 2019	2 Max.	BLQ(LOQ:1.14)
3.	Ambient Air Quality Parameters(Time weighted Avg- Annual*)				
a.	Benzene(C ₆ H ₆),µg/m ³	GC	IS: 5182 (P-11): 2017	5 Max	BLQ(LOQ:1.0)
b.	Benzo(a) Pyrene Particulate Phase only,ng/m ³	GCMSMS	IS: 5182 (P-12): 2019	1 Max	BLQ(LOQ:0.5)
c.	Arsenic(as As),ng/m ³	ICPOES	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
d.	Nickel(As Ni),ng/m ³	ICPOES	STP/ITC/EW/002	20 Max.	BLQ(LOQ:1.0)

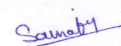
'#' represents Customer Defined Fields

NOTE : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification,Requirements 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
28-03-2023
Reviewer


29-03-2023
Saurabh Sharma
[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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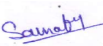
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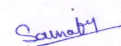
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2303230881 Sample Reg. Date :23-03-2023 Report Date :28-03-2023 Report No. :ICE-2303281457 NABL ULR No. :TC592623000003730F Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Gate No.3
Date of Monitoring	: 20-03-2023
Time of Monitoring	: 12:45 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	: 1760.54
Avg. Ambient Temperature,°C	: 28

Description					
Description	Ambient Air Quality Monitoring				
S.No.	Parameters	Instrument	Method	Specification	Result
1.	Ambient Air Quality Parameters(Time weighted Avg- 24 Hours)				
a.	Sulphur Dioxide(SO ₂),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-2): 2017	80 Max	9.60
b.	Nitrogen Dioxide(NO ₂),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-6): 2017	80 Max	16.55
c.	Particulate Matter (PM ₁₀),µg/m ³	Gravimetric	IS: 5182 (P-23): 2017	100 Max	96.22
d.	Particulate matter (PM 2.5),µg/m ³	Gravimetric	IS: 5182 (P-24)-2019	60 Max	44.61


Saurabh Sharma
28-03-2023
Reviewer


29-03-2023
Saurabh Sharma
[Authorized Signatory]

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2303230881 Sample Reg. Date :23-03-2023 Report Date :28-03-2023 Report No. :ICE-2303281457 NABL ULR No. :TC592623000003730F Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

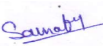
e.	Ammonia(NH ₃),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-25):2018	400 Max	28.66
f.	Lead(As Pb),µg/m ³	ICPOES	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)
2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)				
a.	Ozone(O ₃),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-9): 2019	100 Max.	24.30
b.	Carbon Monoxide(CO),mg/m ³	GC	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	GC	IS: 5182 (P-11): 2017	5 Max	BLQ(LOQ:1.0)
b.	Benzo(a) Pyrene Particulate Phase only,ng/m ³	GCMSMS	IS: 5182 (P-12): 2019	1 Max	BLQ(LOQ:0.5)
c.	Arsenic(as As),ng/m ³	ICPOES	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
d.	Nickel(As Ni),ng/m ³	ICPOES	STP/ITC/EW/002	20 Max.	BLQ(LOQ:1.0)

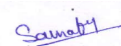
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REMARKS :*Annual arithmetic mean of minimum 104 measurements in a year at a particular site taken twice a week 24 hourly at uniform intervals

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


Saurabh Sharma
28-03-2023
Reviewer


29-03-2023
Saurabh Sharma
[Authorized Signatory]

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Panchkula-134109 (Haryana)
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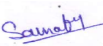
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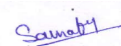
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2303230880 Sample Reg. Date :23-03-2023 Report Date :28-03-2023 Report No. :ICE-2303281456 NABL ULR No. :TC592623000003757F Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Block C-3
Date of Monitoring	: 20-03-2023
Time of Monitoring	: 13:10 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	: 1860.10
Avg. Ambient Temperature, °C	: 28

Description					
Description		Ambient Air Quality Monitoring			
S.No.	Parameters	Instrument	Method	Specification	Result
1.	Ambient Air Quality Parameters(Time weighted Avg- 24 Hours)				
a.	Sulphur Dioxide(SO ₂), µg/m ³	UV-Spectrophotometer	IS: 5182 (P-2): 2017	80 Max	12.58
b.	Nitrogen Dioxide(NO ₂), µg/m ³	UV-Spectrophotometer	IS: 5182 (P-6): 2017	80 Max	17.03
c.	Particulate Matter (PM ₁₀), µg/m ³	Gravimetric	IS: 5182 (P-23): 2017	100 Max	90.26
d.	Particulate matter (PM 2.5), µg/m ³	Gravimetric	IS: 5182 (P-24)-2019	60 Max	46.30


Saurabh Sharma
28-03-2023
Reviewer


29-03-2023
Saurabh Sharma
[Authorized Signatory]

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2303230880 Sample Reg. Date :23-03-2023 Report Date :28-03-2023 Report No. :ICE-2303281456 NABL ULR No. :TC592623000003757F Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

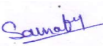
e.	Ammonia(NH ₃),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-25):2018	400 Max	30.46
f.	Lead(As Pb),µg/m ³	ICPOES	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)
2. Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)					
a.	Ozone(O ₃),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-9): 2019	100 Max.	28.15
b.	Carbon Monoxide(CO),mg/m ³	GC	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	GC	IS: 5182 (P-11): 2017	5 Max	BLQ(LOQ:1.0)
b.	Benzo(a) Pyrene Particulate Phase only,ng/m ³	GCMSMS	IS: 5182 (P-12): 2019	1 Max	BLQ(LOQ:0.5)
c.	Arsenic(as As),ng/m ³	ICPOES	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
d.	Nickel(As Ni),ng/m ³	ICPOES	STP/ITC/EW/002	20 Max.	BLQ(LOQ:1.0)

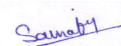
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REMARKS :*Annual arithmetic mean of minimum 104 measurements in a year at a particular site taken twice a week 24 hourly at uniform intervals

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


Saurabh Sharma
28-03-2023
Reviewer


29-03-2023
Saurabh Sharma
[Authorized Signatory]

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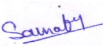
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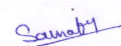
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2303230882 Sample Reg. Date :23-03-2023 Report Date :28-03-2023 Report No. :ICE-2303281458 NABL ULR No. :TC592623000003759F Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Village-Khanpur
Date of Monitoring	: 20-03-2023
Time of Monitoring	: 12:20 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	: 1860.10
Avg. Ambient Temperature,°C	: 28

Description					
Description	Ambient Air Quality Monitoring				
S.No.	Parameters	Instrument	Method	Specification	Result
1.	Ambient Air Quality Parameters(Time weighted Avg- 24 Hours)				
a.	Sulphur Dioxide(SO ₂),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-2): 2017	80 Max	10.34
b.	Nitrogen Dioxide(NO ₂),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-6): 2017	80 Max	17.54
c.	Particulate Matter (PM ₁₀),µg/m ³	Gravimetric	IS: 5182 (P-23): 2017	100 Max	92.15
d.	Particulate matter (PM 2.5),µg/m ³	Gravimetric	IS: 5182 (P-24)-2019	60 Max	47.56


Saurabh Sharma
28-03-2023
Reviewer


29-03-2023
Saurabh Sharma
[Authorized Signatory]

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2303230882 Sample Reg. Date :23-03-2023 Report Date :28-03-2023 Report No. :ICE-2303281458 NABL ULR No. :TC592623000003759F Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

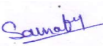
e.	Ammonia(NH ₃),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-25):2018	400 Max	27.24
f.	Lead(As Pb),µg/m ³	ICPOES	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)
2. Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)					
a.	Ozone(O ₃),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-9): 2019	100 Max.	24.91
b.	Carbon Monoxide(CO),mg/m ³	GC	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	GC	IS: 5182 (P-11): 2017	5 Max	BLQ(LOQ:1.0)
b.	Benzo(a) Pyrene Particulate Phase only,ng/m ³	GCMSMS	IS: 5182 (P-12): 2019	1 Max	BLQ(LOQ:0.5)
c.	Arsenic(as As),ng/m ³	ICPOES	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
d.	Nickel(As Ni),ng/m ³	ICPOES	STP/ITC/EW/002	20 Max.	BLQ(LOQ:1.0)

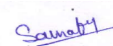
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REMARKS :*Annual arithmetic mean of minimum 104 measurements in a year at a particular site taken twice a week 24 hourly at uniform intervals

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


 Saurabh Sharma
 28-03-2023
 Reviewer


 29-03-2023
 Saurabh Sharma
 [Authorized Signatory]

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2303230883 Sample Reg. Date :23-03-2023 Report Date :28-03-2023 Report No. :ICE-2303281459 NABL ULR No. :TC592623000003725F Customer Ref. No.: PO Letter Dated :21.11.2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Shakti Vihar
Date of Monitoring	: 20-03-2023
Time of Monitoring	: 13:40 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	: 1829.86
Avg. Ambient Temperature, °C	: 28

Description					
Description		Ambient Air Quality Monitoring			
S.No.	Parameters	Instrument	Method	Specification	Result
1.	Ambient Air Quality Parameters (Time weighted Avg- 24 Hours)				
a.	Sulphur Dioxide(SO ₂), µg/m ³	UV-Spectrophotometer	IS: 5182 (P-2): 2017	80 Max	14.22
b.	Nitrogen Dioxide(NO ₂), µg/m ³	UV-Spectrophotometer	IS: 5182 (P-6): 2017	80 Max	21.66
c.	Particulate Matter (PM ₁₀), µg/m ³	Gravimetric	IS: 5182 (P-23): 2017	100 Max	86.51
d.	Particulate matter (PM 2.5), µg/m ³	Gravimetric	IS: 5182 (P-24)-2019	60 Max	42.09

Saurabh
Saurabh Sharma
28-03-2023
Reviewer

Saurabh
29-03-2023
Saurabh Sharma
[Authorized Signatory]

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2303230883 Sample Reg. Date :23-03-2023 Report Date :28-03-2023 Report No. :ICE-2303281459 NABL ULR No. :TC592623000003725F Customer Ref. No.: PO Letter Dated :21.11.2022

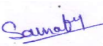
e.	Ammonia(NH ₃),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-25):2018	400 Max	30.38
f.	Lead(As Pb),µg/m ³	ICPOES	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)
2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)				
a.	Ozone(O ₃),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-9): 2019	100 Max.	23.37
b.	Carbon Monoxide(CO),mg/m ³	GC	IS: 5182 (P-10): 2019	2 Max.	BLQ(LOQ:1.14)
3.	Ambient Air Quality Parameters(Time weighted Avg- Annual*)				
a.	Benzene(C ₆ H ₆),µg/m ³	GC	IS: 5182 (P-11): 2017	5 Max	BLQ(LOQ:1.0)
b.	Benzo(a) Pyrene Particulate Phase only,ng/m ³	GCMSMS	IS: 5182 (P-12): 2019	1 Max	BLQ(LOQ:0.5)
c.	Arsenic(as As),ng/m ³	ICPOES	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
d.	Nickel(As Ni),ng/m ³	ICPOES	STP/ITC/EW/002	20 Max.	BLQ(LOQ:1.0)

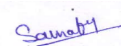
'#' represents Customer Defined Fields

NOTE : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification,Requirements 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
28-03-2023
Reviewer


29-03-2023
Saurabh Sharma
[Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)
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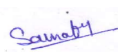
Document QF : 2501

Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2303281146 Sample Reg. Date :28-03-2023 Report Date :31-03-2023 Report No. :ICE-2303311856 NABL ULR No. :TC592623000004130F Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Gate No.3
Date of Monitoring	: 23-03-2023
Time of Monitoring	: 11:00 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.27
Volume of air sampled,m3	: 1760.54
Avg. Ambient Temperature,°C	: 28

Description					
Description		Ambient Air Quality Monitoring			
S.No.	Parameters	Instrument	Method	Specification	Result
1.	Ambient Air Quality Parameters(Time weighted Avg- 24 Hours)				
a.	Sulphur Dioxide(SO ₂),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-2): 2017	80 Max	11.54
b.	Nitrogen Dioxide(NO ₂),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-6): 2017	80 Max	17.22
c.	Particulate Matter (PM ₁₀),µg/m ³	Gravimetric	IS: 5182 (P-23): 2017	100 Max	89.35
d.	Particulate matter (PM 2.5),µg/m ³	Gravimetric	IS: 5182 (P-24)-2019	60 Max	45.45


Saurabh Sharma
31-03-2023
Reviewer


31-03-2023
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. :E01-2303281146 Sample Reg. Date :28-03-2023 Report Date :31-03-2023 Report No. :ICE-2303311856 NABL ULR No. :TC592623000004130F Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

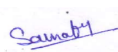
e.	Ammonia(NH ₃),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-25):2018	400 Max	27.05
f.	Lead(As Pb),µg/m ³	ICPOES	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)
2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)				
a.	Ozone(O ₃),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-9): 2019	100 Max.	24.39
b.	Carbon Monoxide(CO),mg/m ³	GC	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	GC	IS: 5182 (P-11): 2017	5 Max	BLQ(LOQ:1.0)
b.	Benzo(a) Pyrene Particulate Phase only,ng/m ³	GCMSMS	IS: 5182 (P-12): 2019	1 Max	BLQ(LOQ:0.5)
c.	Arsenic(as As),ng/m ³	ICPOES	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
d.	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 :*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
31-03-2023
Reviewer


31-03-2023
PremKumar
[Authorized Signatory]

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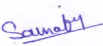
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2303281145 Sample Reg. Date :28-03-2023 Report Date :31-03-2023 Report No. :ICE-2303311855 NABL ULR No. :TC592623000004129F Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Block C-6
Date of Monitoring	: 23-03-2023
Time of Monitoring	: 11:30 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.23
Volume of air sampled,m3	: 1707.40
Avg. Ambient Temperature,°C	: 28

Description					
Description	Ambient Air Quality Monitoring				
S.No.	Parameters	Instrument	Method	Specification	Result
1.	Ambient Air Quality Parameters(Time weighted Avg- 24 Hours)				
a.	Sulphur Dioxide(SO ₂),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-2): 2017	80 Max	10.34
b.	Nitrogen Dioxide(NO ₂),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-6): 2017	80 Max	13.67
c.	Particulate Matter (PM ₁₀),µg/m ³	Gravimetric	IS: 5182 (P-23): 2017	100 Max	86.45
d.	Particulate matter (PM 2.5),µg/m ³	Gravimetric	IS: 5182 (P-24)-2019	60 Max	41.25


Saurabh Sharma
31-03-2023
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31-03-2023
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2303281145 Sample Reg. Date :28-03-2023 Report Date :31-03-2023 Report No. :ICE-2303311855 NABL ULR No. :TC592623000004129F Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

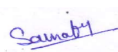
e.	Ammonia(NH ₃),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-25):2018	400 Max	32.17
f.	Lead(As Pb),µg/m ³	ICPOES	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)
2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)				
a.	Ozone(O ₃),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-9): 2019	100 Max.	28.06
b.	Carbon Monoxide(CO),mg/m ³	GC	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	GC	IS: 5182 (P-11): 2017	5 Max	BLQ(LOQ:1.0)
b.	Benzo(a) Pyrene Particulate Phase only,ng/m ³	GCMSMS	IS: 5182 (P-12): 2019	1 Max	BLQ(LOQ:0.5)
c.	Arsenic(as As),ng/m ³	ICPOES	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
d.	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 :*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
31-03-2023
Reviewer


31-03-2023
PremKumar
[Authorized Signatory]

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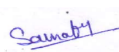
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2303281147 Sample Reg. Date :28-03-2023 Report Date :31-03-2023 Report No. :ICE-2303311857 NABL ULR No. :TC592623000004131F Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Village- Khanpur
Date of Monitoring	: 23-03-2023
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	: 1860.10
Avg. Ambient Temperature,°C	: 28

Description					
Description		Ambient Air Quality Monitoring			
S.No.	Parameters	Instrument	Method	Specification	Result
1.	Ambient Air Quality Parameters(Time weighted Avg- 24 Hours)				
a.	Sulphur Dioxide(SO ₂),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-2): 2017	80 Max	7.41
b.	Nitrogen Dioxide(NO ₂),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-6): 2017	80 Max	16.36
c.	Particulate Matter (PM ₁₀),µg/m ³	Gravimetric	IS: 5182 (P-23): 2017	100 Max	78.60
d.	Particulate matter (PM 2.5),µg/m ³	Gravimetric	IS: 5182 (P-24)-2019	60 Max	37.46


Saurabh Sharma
31-03-2023
Reviewer


31-03-2023
PremKumar
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Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2303281147 Sample Reg. Date :28-03-2023 Report Date :31-03-2023 Report No. :ICE-2303311857 NABL ULR No. :TC592623000004131F Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

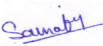
e.	Ammonia(NH ₃),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-25):2018	400 Max	26.44
f.	Lead(As Pb),µg/m ³	ICPOES	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)
2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)				
a.	Ozone(O ₃),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-9): 2019	100 Max.	22.11
b.	Carbon Monoxide(CO),mg/m ³	GC	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	GC	IS: 5182 (P-11): 2017	5 Max	BLQ(LOQ:1.0)
b.	Benzo(a) Pyrene Particulate Phase only,ng/m ³	GCMSMS	IS: 5182 (P-12): 2019	1 Max	BLQ(LOQ:0.5)
c.	Arsenic(as As),ng/m ³	ICPOES	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
d.	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 :*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
31-03-2023
Reviewer


31-03-2023
PremKumar
[Authorized Signatory]

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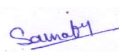
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2303281148 Sample Reg. Date :28-03-2023 Report Date :31-03-2023 Report No. :ICE-2303311858 NABL ULR No. :TC592623000004132F Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Shakti Vihar
Date of Monitoring	: 23-03-2023
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	: 1863.77
Avg. Ambient Temperature,°C	: 27

Description					
Description		Ambient Air Quality Monitoring			
S.No.	Parameters	Instrument	Method	Specification	Result
1.	Ambient Air Quality Parameters(Time weighted Avg- 24 Hours)				
a.	Sulphur Dioxide(SO ₂),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-2): 2017	80 Max	8.33
b.	Nitrogen Dioxide(NO ₂),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-6): 2017	80 Max	19.12
c.	Particulate Matter (PM ₁₀),µg/m ³	Gravimetric	IS: 5182 (P-23): 2017	100 Max	84.08
d.	Particulate matter (PM 2.5),µg/m ³	Gravimetric	IS: 5182 (P-24)-2019	60 Max	39.14


Saurabh Sharma
31-03-2023
Reviewer


31-03-2023
PremKumar
[Authorized Signatory]

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2303281148 Sample Reg. Date :28-03-2023 Report Date :31-03-2023 Report No. :ICE-2303311858 NABL ULR No. :TC592623000004132F Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

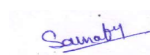
e.	Ammonia(NH ₃),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-25):2018	400 Max	29.13
f.	Lead(As Pb),µg/m ³	ICPOES	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)
2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)				
a.	Ozone(O ₃),µg/m ³	UV-Spectrophotometer	IS: 5182 (P-9): 2019	100 Max.	26.53
b.	Carbon Monoxide(CO),mg/m ³	GC	IS: 5182 (P-10): 2019	2 Max.	BLQ(LOQ:1.14)
3.	Ambient Air Quality Parameters(Time weighted Avg- Annual*)				
a.	Benzene(C ₆ H ₆),µg/m ³	GC	IS: 5182 (P-11): 2017	5 Max	BLQ(LOQ:1.0)
b.	Benzo(a) Pyrene Particulate Phase only,ng/m ³	GCMSMS	IS: 5182 (P-12): 2019	1 Max	BLQ(LOQ:0.5)
c.	Arsenic(as As),ng/m ³	ICPOES	STP/ITC/EW/002	6 Max.	BLQ(LOQ:1.0)
d.	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 :*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
 31-03-2023
 Reviewer


 31-03-2023
 PremKumar
 [Authorized Signatory]

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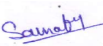
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2303311282 Sample Reg. Date :31-03-2023 Report Date :10-04-2023 Report No. :ICE-2304100396 NABL ULR No. :TC592623000004476F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Gate No.3
Date of Monitoring	: 27-03-2023
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	: 1860.10
Avg. Ambient Temperature,°C	: 28

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	7.86
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS: 5182 (P-6): 2017	80 Max	16.39
c.	Particulate Matter (PM ₁₀),µg/m ³	IS: 5182 (P-23): 2017	100 Max	90.16
d.	Particulate matter (PM _{2.5}),µg/m ³	IS: 5182 (P-24)-2019	60 Max	47.56
e.	Ammonia(NH ₃),µg/m ³	IS: 5182 (P-25): 2018	400 Max	27.39
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


 Saurabh Sharma
 10-04-2023
 Reviewer


 10-04-2023
 PremKumar
 [Authorized Signatory]

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2303311282 Sample Reg. Date :31-03-2023 Report Date :10-04-2023 Report No. :ICE-2304100396 NABL ULR No. :TC592623000004476F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	26.48
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 NAQQS 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
10-04-2023
Reviewer


10-04-2023
PremKumar
[Authorized Signatory]

Disclaimer :

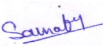
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2303311281 Sample Reg. Date :31-03-2023 Report Date :10-04-2023 Report No. :ICE-2304100395 NABL ULR No. :TC592623000004483F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Block C-3
Date of Monitoring	: 27-03-2023
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	: 1826.27
Avg. Ambient Temperature,°C	: 29

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	9.15
b.	Nitrogen Dioxide(NO2),µg/m ³	IS: 5182 (P-6): 2017	80 Max	13.44
c.	Particulate Matter (PM10),µg/m3	IS: 5182 (P-23): 2017	100 Max	82.35
d.	Particulate matter (PM 2.5),µg/m3	IS: 5182 (P-24)-2019	60 Max	39.98
e.	Ammonia(NH3),µg/m ³	IS: 5182 (P-25): 2018	400 Max	27.48
f.	Lead(As Pb),µg/m3	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


 Saurabh Sharma
 10-04-2023
 Reviewer


 10-04-2023
 PremKumar
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Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2303311281 Sample Reg. Date :31-03-2023 Report Date :10-04-2023 Report No. :ICE-2304100395 NABL ULR No. :TC592623000004483F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	22.66
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 NAQQS 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
10-04-2023
Reviewer


10-04-2023
PremKumar
[Authorized Signatory]

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2303311283 Sample Reg. Date :31-03-2023 Report Date :10-04-2023 Report No. :ICE-2304100397 NABL ULR No. :TC592623000004481F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Village-Khanpur
Date of Monitoring	: 27-03-2023
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	: 1768.80
Avg. Ambient Temperature,°C	: 27

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	6.57
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS: 5182 (P-6): 2017	80 Max	17.40
c.	Particulate Matter (PM ₁₀),µg/m ³	IS: 5182 (P-23): 2017	100 Max	86.56
d.	Particulate matter (PM _{2.5}),µg/m ³	IS: 5182 (P-24)-2019	60 Max	42.09
e.	Ammonia(NH ₃),µg/m ³	IS: 5182 (P-25): 2018	400 Max	28.24
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)

Saurabh Sharma
Saurabh Sharma
10-04-2023
Reviewer

PremKumar
10-04-2023
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. :E01-2303311283 Sample Reg. Date :31-03-2023 Report Date :10-04-2023 Report No. :ICE-2304100397 NABL ULR No. :TC592623000004481F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	24.23
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 NAQPS 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
10-04-2023
Reviewer


10-04-2023
PremKumar
[Authorized Signatory]

Disclaimer :

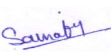
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2303311284 Sample Reg. Date :31-03-2023 Report Date :10-04-2023 Report No. :ICE-2304100398 NABL ULR No. :TC592623000004482F Customer Ref. No. :WO Letter Dated :21.11.2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Shakti Vihar
Date of Monitoring	: 27-03-2023
Time of Monitoring	: 12:30 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.34
Volume of air sampled,m3	: 1853.94
Avg. Ambient Temperature,°C	: 29

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	9.48
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS: 5182 (P-6): 2017	80 Max	17.89
c.	Particulate Matter (PM ₁₀),µg/m ³	IS: 5182 (P-23): 2017	100 Max	83.17
d.	Particulate matter (PM _{2.5}),µg/m ³	IS: 5182 (P-24)-2019	60 Max	37.46
e.	Ammonia(NH ₃),µg/m ³	IS: 5182 (P-25): 2018	400 Max	27.16
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


 Saurabh Sharma
 10-04-2023
 Reviewer


 10-04-2023
 PremKumar
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2303311284 Sample Reg. Date :31-03-2023 Report Date :10-04-2023 Report No. :ICE-2304100398 NABL ULR No. :TC592623000004482F Customer Ref. No.: WO Letter Dated :21.11.2022

2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	23.61
b.	Carbon Monoxide(CO),mg/m ³	IS: 5182 (P-10): 2019	2 Max.	BLQ(LOQ:1.14)
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 NAQQS 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
10-04-2023
Reviewer


10-04-2023
PremKumar
[Authorized Signatory]

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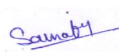
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2304010028 Sample Reg. Date :01-04-2023 Report Date :10-04-2023 Report No. :ICE-2304100400 NABL ULR No. :TC592623000004479F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Gate No.3
Date of Monitoring	: 30-03-2023
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	: 1844.59
Avg. Ambient Temperature,°C	: 26

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	8.13
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS: 5182 (P-6): 2017	80 Max	19.20
c.	Particulate Matter (PM ₁₀),µg/m ³	IS: 5182 (P-23): 2017	100 Max	92.38
d.	Particulate matter (PM _{2.5}),µg/m ³	IS: 5182 (P-24)-2019	60 Max	55.13
e.	Ammonia(NH ₃),µg/m ³	IS: 5182 (P-25): 2018	400 Max	30.24
f.	Lead(As Pb),µg/m ³	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


Saurabh Sharma
10-04-2023
Reviewer


10-04-2023
PremKumar
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2304010028 Sample Reg. Date :01-04-2023 Report Date :10-04-2023 Report No. :ICE-2304100400 NABL ULR No. :TC592623000004479F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	26.46
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 NAQPS 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
10-04-2023
Reviewer


10-04-2023
PremKumar
[Authorized Signatory]

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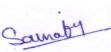
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2304010027 Sample Reg. Date :01-04-2023 Report Date :10-04-2023 Report No. :ICE-2304100399 NABL ULR No. :TC592623000004480F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Near Block C-6
Date of Monitoring	: 30-03-2023
Time of Monitoring	: 12:30 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.30
Volume of air sampled,m3	: 1804.57
Avg. Ambient Temperature,°C	: 28

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	9.45
b.	Nitrogen Dioxide(NO2),µg/m ³	IS: 5182 (P-6): 2017	80 Max	16.55
c.	Particulate Matter (PM10),µg/m3	IS: 5182 (P-23): 2017	100 Max	90.44
d.	Particulate matter (PM 2.5),µg/m3	IS: 5182 (P-24)-2019	60 Max	55.56
e.	Ammonia(NH3),µg/m ³	IS: 5182 (P-25): 2018	400 Max	29.18
f.	Lead(As Pb),µg/m3	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


Saurabh Sharma
10-04-2023
Reviewer


10-04-2023
PremKumar
[Authorized Signatory]

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2304010027 Sample Reg. Date :01-04-2023 Report Date :10-04-2023 Report No. :ICE-2304100399 NABL ULR No. :TC592623000004480F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	24.38
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 NAQQS 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
10-04-2023
Reviewer


10-04-2023
PremKumar
[Authorized Signatory]

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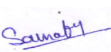
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2304010029 Sample Reg. Date :01-04-2023 Report Date :10-04-2023 Report No. :ICE-2304100401 NABL ULR No. :TC592623000004478F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Village-Khanpur
Date of Monitoring	: 30-03-2023
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	: 1844.59
Avg. Ambient Temperature,°C	: 26

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	10.25
b.	Nitrogen Dioxide(NO2),µg/m ³	IS: 5182 (P-6): 2017	80 Max	19.30
c.	Particulate Matter (PM10),µg/m3	IS: 5182 (P-23): 2017	100 Max	102.30
d.	Particulate matter (PM 2.5),µg/m3	IS: 5182 (P-24)-2019	60 Max	47.56
e.	Ammonia(NH3),µg/m ³	IS: 5182 (P-25): 2018	400 Max	32.13
f.	Lead(As Pb),µg/m3	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


Saurabh Sharma
10-04-2023
Reviewer


10-04-2023
PremKumar
[Authorized Signatory]

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Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2304010029 Sample Reg. Date :01-04-2023 Report Date :10-04-2023 Report No. :ICE-2304100401 NABL ULR No. :TC592623000004478F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	27.58
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 NAQQS 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
10-04-2023
Reviewer


10-04-2023
PremKumar
[Authorized Signatory]

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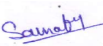
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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2304010030 Sample Reg. Date :01-04-2023 Report Date :10-04-2023 Report No. :ICE-2304100402 NABL ULR No. :TC592623000004477F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

Test Report as per :	: NAAQS 2009
Sampling Information :	
Location of Sampling Point	: Village-Shakti Vihar
Date of Monitoring	: 30-03-2023
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	: 1826.27
Avg. Ambient Temperature,°C	: 29

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	7.68
b.	Nitrogen Dioxide(NO2),µg/m ³	IS: 5182 (P-6): 2017	80 Max	18.64
c.	Particulate Matter (PM10),µg/m3	IS: 5182 (P-23): 2017	100 Max	89.64
d.	Particulate matter (PM 2.5),µg/m3	IS: 5182 (P-24)-2019	60 Max	48.40
e.	Ammonia(NH3),µg/m ³	IS: 5182 (P-25): 2018	400 Max	30.23
f.	Lead(As Pb),µg/m3	STP/ITC/EW/002	1.0 Max	BLQ(LOQ:0.1)


 Saurabh Sharma
 10-04-2023
 Reviewer


 10-04-2023
 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. :E01-2304010030 Sample Reg. Date :01-04-2023 Report Date :10-04-2023 Report No. :ICE-2304100402 NABL ULR No. :TC592623000004477F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

2.	Ambient Air Quality Parameters(Time weighted Avg- 8 Hours)			
a.	Ozone(O ₃),µg/m ³	IS: 5182 (P-9): 2019	100 Max.	24.58
b.	Carbon Monoxide(CO),mg/m ³	IS: 5182 (P-10): 2019	2 Max.	BLQ(LOQ:1.14)
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 NAQQS 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
10-04-2023
Reviewer


10-04-2023
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. :E01-2303040135 Sample Reg. Date :04-03-2023 Report Date :09-03-2023 Report No. :ICE-2303090461 NABL ULR No. :TC592623000002604F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022
Test Report as per :	: EPA Act 1986/PCLS/2010
Sampling Information :	
Date of Monitoring	: 03-03-2023
Time of Monitoring	: 10:10 to 10:34 Hrs
Name of the emission source monitored	: Stack Emission of Boiler
Rated Capacity	: 660 MW
Capacity on sampling day	: 640 MW
Type of fuel used & its consumption	: Coal & 425 Ton/hr
Normal operating schedule	: 24 Hrs
Stack Identification	: Stack attached to Boiler, Unit-2 (At 65 Meter's Height)
Type of Stack/Duct	: Metal
Stack Height from Ground Level(m)	: 275
Diameter of the Stack(cm)	: 700
Sampling Duration(minutes)	: 24
Purpose of Monitoring	: For Self Monitoring
Air Pollution control measure	: ESP + FF + FGD + Low NOx Burner
Status	: Working
Recovery of Material	: -
Fugitive Emission,if any	: Nil
Observations :	

Saurabh Sharma
Saurabh Sharma
09-03-2023
Reviewer

PremKumar
09-03-2023
PremKumar
[Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.

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Panchkula-134109 (Haryana)
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Test Report

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Page 2 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2303040135 Sample Reg. Date :04-03-2023 Report Date :09-03-2023 Report No. :ICE-2303090461 NABL ULR No. :TC592623000002604F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

Flue Gas Temperature, °C,Avg.	: 52
Flue Gas Velocity(m/s),Avg.	: 22.33
Volumetric Flow Rate(Nm ³ /hr.)	: 2723322.86
Ambient Air Temperature, °C	: 22

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	26.13
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-2)	Max. 200	140.86
c.	Oxides of Nitrogen (NO _x), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-7)	Max. 450	308.95
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	4.3

'#' represents Customer Defined Fields

NOTE : NA- Not Applicable, Requirements as per EPA Act 1986/PCLS/2010, Sample Collected by lab rep on 03-03-2023, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A


Saurabh Sharma
09-03-2023
Reviewer


09-03-2023
PremKumar
[Authorized Signatory]

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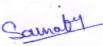
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2303040135 Sample Reg. Date :04-03-2023 Report Date :09-03-2023 Report No. :ICE-2303090461 NABL ULR No. :TC592623000002604F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

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


Saurabh Sharma
09-03-2023
Reviewer


09-03-2023
PremKumar
[Authorized Signatory]

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Test Report

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Page 1 of 3

Issued To	Sample Reg. No. :E01-2303110340
Jhajjar Power Limited	Sample Reg. Date :11-03-2023
Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar	Report Date :18-03-2023
Jhajjar	Report No. :ICE-2303181096
	NABL ULR No. :TC592623000003295F
	Customer Ref. No.: Order No.5030010814
	Letter Dated :21.11.2022

Test Report as per :	: EPA Act 1986/PCLS/2010
Sampling Information :	
Date of Monitoring	: 10-03-2023
Time of Monitoring	: 11:50 to 12:14 Hrs
Name of the emission source monitored	: Stack emission of Boiler
Rated Capacity	: 660 MW
Capacity on sampling day	: 620 MW
Type of fuel used & its consumption	: Coal & 375 Ton / hrs
Normal operating schedule	: 24 Hrs
Stack Identification	: Stack attached to Boiler, Unit-2 (At 65 Meter's Height)
Type of Stack/Duct	: Metal
Stack Height from Ground Level(m)	: 275
Diameter of the Stack(cm)	: 700
Sampling Duration(minutes)	: 24
Purpose of Monitoring	: For Self Monitoring
Air Pollution control measure	: ESP + FF + FGD + Low NOx Burner
Status	: Working
Recovery of Material	: -
Fugitive Emission,if any	: Nil
Observations :	

Saurabh
Saurabh Sharma
18-03-2023
Reviewer

PremKumar
18-03-2023
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. :E01-2303110340
	Sample Reg. Date :11-03-2023
	Report Date :18-03-2023
	Report No. :ICE-2303181096
	NABL ULR No. :TC592623000003295F
	Customer Ref. No. :Order No.5030010814
	Letter Dated :21.11.2022

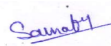
Flue Gas Temperature, °C,Avg.	: 53
Flue Gas Velocity(m/s),Avg.	: 22.34
Volumetric Flow Rate(Nm ³ /hr.)	: 2837768.88
Ambient Air Temperature, °C	: 30

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	32.10
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	Titration	IS:11255(P-2)	Max. 200	154.15
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	248.14
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	4.6

'#' 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 10.03.2023, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A


Saurabh Sharma
18-03-2023
Reviewer


18-03-2023
PremKumar
[Authorized Signatory]

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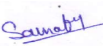
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2303110340 Sample Reg. Date :11-03-2023 Report Date :18-03-2023 Report No. :ICE-2303181096 NABL ULR No. :TC592623000003295F Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

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


Saurabh Sharma
18-03-2023
Reviewer


18-03-2023
PremKumar
[Authorized Signatory]

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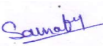
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2303180680 Sample Reg. Date :18-03-2023 Report Date :23-03-2023 Report No. :ICE-2303231269 NABL ULR No. :TC592623000003476F Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

Test Report as per :	: EPA Act 1986/PCLS/2010
Sampling Information :	
Date of Monitoring	: 17-03-2023
Time of Monitoring	: 09:33 to 09:57 hrs
Name of the emission source monitored	: Stack Emission of Boiler
Rated Capacity	: 660 MW
Capacity on sampling day	: 645 MW
Type of fuel used & its consumption	: Coal & 409 Ton/hrs
Normal operating schedule	: 24 hrs
Stack Identification	: Stack attached to Boiler Unit-2 (At 65 meter's Height)
Type of Stack/Duct	: Metal
Stack Height from Ground Level(m)	: 275
Diameter of the Stack(cm)	: 700
Sampling Duration(minutes)	: 24
Purpose of Monitoring	: For Self Monitoring
Air Pollution control measure	: ESP + FF + FGD + Low NOx Burner
Status	: Working
Recovery of Material	: -
Fugitive Emission,if any	: Nil
Observations :	


Saurabh Sharma
23-03-2023
Reviewer


23-03-2023
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. :E01-2303180680
	Sample Reg. Date :18-03-2023
	Report Date :23-03-2023
	Report No. :ICE-2303231269
	NABL ULR No. :TC592623000003476F
	Customer Ref. No. :Order No.5030010814
	Letter Dated :21.11.2022

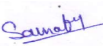
Flue Gas Temperature, °C,Avg.	: 59
Flue Gas Velocity(m/s),Avg.	: 21.15
Volumetric Flow Rate(Nm ³ /hr.)	: 2525027.18
Ambient Air Temperature, °C	: 25

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	29.25
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	Titration	IS:11255(P-2)	Max. 200	139.49
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	155.19
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	4.04

'#' represents Customer Defined Fields

NOTE : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Sample Collected by lab rep. on-17-03-2023, Requirements as per EPA Act 1986/PCLS/2010, Sampling Procedure : SOP/ITC/EW/056.

REMARKS :N/A


Saurabh Sharma
23-03-2023
Reviewer


23-03-2023
PremKumar
[Authorized Signatory]

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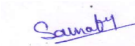
Test Report

Document QF : 2501

Page 3 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2303180680 Sample Reg. Date :18-03-2023 Report Date :23-03-2023 Report No. :ICE-2303231269 NABL ULR No. :TC592623000003476F Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

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


Saurabh Sharma
23-03-2023
Reviewer


23-03-2023
PremKumar
[Authorized Signatory]

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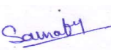
Test Report

Document QF : 2501

Page 1 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2303250994
	Sample Reg. Date :25-03-2023
	Report Date :04-04-2023
	Report No. :ICE-2304040189
	NABL ULR No. :TC592623000004287F
	Customer Ref. No.: Order No.5030010814
	Letter Dated :21.11.2022

Test Report as per :	: EPA Act 1986/PCLS/2010
Sampling Information :	
Date of Monitoring	: 24-03-2023
Time of Monitoring	: 12:10 to 12:34 hrs
Name of the emission source monitored	: Stack Emission of Boiler
Rated Capacity	: 660 MW
Capacity on sampling day	: 405 MW
Type of fuel used & its consumption	: Coal & 306 Ton/hrs
Normal operating schedule	: As Required
Stack Identification	: Stack attached to Boiler Unit-2 (At 65 Meter's Height)
Type of Stack/Duct	: Metal
Stack Height from Ground Level(m)	: 275
Diameter of the Stack(cm)	: 700
Sampling Duration(minutes)	: 24
Purpose of Monitoring	: For Self Monitoring
Air Pollution control measure	: ESP + FF + FGD + Low NOx Burner
Status	: Working
Recovery of Material	: -
Fugitive Emission,if any	: Nil
Observations :	


Saurabh Sharma
04-04-2023
Reviewer


04-04-2023
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 2 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2303250994 Sample Reg. Date :25-03-2023 Report Date :04-04-2023 Report No. :ICE-2304040189 NABL ULR No. :TC592623000004287F Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

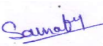
Flue Gas Temperature, °C,Avg.	: 60
Flue Gas Velocity(m/s),Avg.	: 22.56
Volumetric Flow Rate(Nm ³ /hr.)	: 2681595.69
Ambient Air Temperature, °C	: 26

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	29.27
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	Titration	IS:11255(P-2)	Max. 200	133.23
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	238.24
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	3.15

'#' 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-24-03-2023,Sampling Procedure : SOP/ITC/EW/056.

REMARKS :N/A


Saurabh Sharma
04-04-2023
Reviewer


04-04-2023
PremKumar
[Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.
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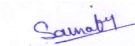
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Document QF : 2501

Page 3 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2303250994 Sample Reg. Date :25-03-2023 Report Date :04-04-2023 Report No. :ICE-2304040189 NABL ULR No. :TC592623000004287F Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

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


Saurabh Sharma
04-04-2023
Reviewer


04-04-2023
PremKumar
[Authorized Signatory]

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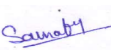
Test Report

Document QF : 2501

Page 1 of 3

Issued To	Sample Reg. No. :E01-2304010026
Jhajjar Power Limited	Sample Reg. Date :01-04-2023
Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar	Report Date :06-04-2023
Jhajjar	Report No. :ICE-2304060254
	NABL ULR No. :TC592623000004378F
	Customer Ref. No.: Order No.5030010814
	Letter Dated :21.11.2022

Test Report as per :	: EPA Act 1986/PCLS/2010
Sampling Information :	
Date of Monitoring	: 31-03-2023
Time of Monitoring	: 10:00 to 10:38 hrs
Name of the emission source monitored	: Stack emission of Boiler
Rated Capacity	: 660 MW
Capacity on sampling day	: 400 MW
Type of fuel used & its consumption	: Coal & 260 Ton/hrs
Normal operating schedule	: 24 hrs
Stack Identification	: Stack attached to Boiler Unit-2 (At 65 meter's Height)
Type of Stack/Duct	: Metal
Stack Height from Ground Level(m)	: 275
Diameter of the Stack(cm)	: 700
Sampling Duration(minutes)	: 38
Purpose of Monitoring	: For Self Monitoring
Air Pollution control measure	: ESP + FF + FGD + Low NOx Burner
Status	: Working
Recovery of Material	: -
Fugitive Emission,if any	: Nil
Observations :	


Saurabh Sharma
06-04-2023
Reviewer


06-04-2023
PremKumar
[Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.

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Test Report

Document QF : 2501

Page 2 of 3

Issued To	Sample Reg. No. :E01-2304010026
Jhajjar Power Limited	Sample Reg. Date :01-04-2023
Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar	Report Date :06-04-2023
Jhajjar	Report No. :ICE-2304060254
	NABL ULR No. :TC592623000004378F
	Customer Ref. No.: Order No.5030010814
	Letter Dated :21.11.2022

Flue Gas Temperature, °C,Avg.	: 58
Flue Gas Velocity(m/s),Avg.	: 22.37
Volumetric Flow Rate(Nm ³ /hr.)	: 2675077.87
Ambient Air Temperature, °C	: 28

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	30.18
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	Titration	IS:11255(P-2)	Max. 200	145.58
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	185.21
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	3.175

'#' represents Customer Defined Fields

NOTE : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per EPA Act 1986/PCLS/2010, Sample Collected by lab rep. on dated-31-03-2023, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A

Saurabh Sharma
Saurabh Sharma
06-04-2023
Reviewer

PremKumar
06-04-2023
PremKumar
[Authorized Signatory]

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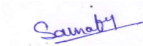
Test Report

Document QF : 2501

Page 3 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2304010026 Sample Reg. Date :01-04-2023 Report Date :06-04-2023 Report No. :ICE-2304060254 NABL ULR No. :TC592623000004378F Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

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


Saurabh Sharma
06-04-2023
Reviewer


06-04-2023
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. :E01-2303281132 Sample Reg. Date :28-03-2023 Report Date :31-03-2023 Report No. :ICE-2303311867 (1) NABL ULR No. :TC592623000004133F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022
Test Report as per :	: EPA Act 1986/PCLS/2010
Sampling Information :	
Date of Monitoring	: 24-03-2023
Time of Monitoring	: 14:00 to 14:18 hrs
Name of the emission source monitored	: Stack Emission of DG Set
Rated Capacity	: 1600 kVA
Capacity on sampling day	: 85 %
Type of fuel used & its consumption	: HSD & 327 ltr/hr
Normal operating schedule	: As Required
Stack Identification	: Stack attached to DG Set-1 (1600 kVA) Engine No. 16171
Type of Stack/Duct	: Metal
Stack Height from Ground Level(m)	: 9.5
Diameter of the Stack(cm)	: 40
Sampling Duration(minutes)	: 18
Purpose of Monitoring	: For Self Monitoring
Air Pollution control measure	: Not Applicable
Status	: -
Recovery of Material	: -
Fugitive Emission,if any	: Nil
Observations :	

Saurabh Sharma
Saurabh Sharma
31-03-2023
Reviewer

PremKumar
31-03-2023
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. :E01-2303281132
	Sample Reg. Date :28-03-2023
	Report Date :31-03-2023
	Report No. :ICE-2303311867 (1)
	NABL ULR No. :TC592623000004133F
	Customer Ref. No. :Order No.5030010814
	Letter Dated :21.11.2022

Flue Gas Temperature, °C,Avg.	: 302
Flue Gas Velocity(m/s),Avg.	: 23.48
Volumetric Flow Rate(Nm ³ /hr.)	: 5357.43
Ambient Air Temperature, °C	: 28

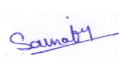
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	General Parameters			
a.	Particulate Matter,mg/Nm ³ (Corrected at 15 % O ₂)	IS:11255(P-1)	Max. 75	29.99
b.	Carbon Monoxide(CO),mg/Nm ³ (Corrected at 15 % O ₂)	IS:13270	Max. 150	72
c.	Oxides of Nitrogen NO _x (as NO ₂), ppmv (at 15% O ₂), dry basis	IS:11255(P-7)	Max. 710	371.46
d.	Sulphur Dioxide(SO ₂),mg/Nm ³	IS:11255(P-2)	Not Specified	11.19

'*' 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 24.03.2023, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A

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


Saurabh Sharma
31-03-2023
Reviewer

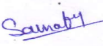

31-03-2023
PremKumar
[Authorized Signatory]

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2303281132 Sample Reg. Date :28-03-2023 Report Date :31-03-2023 Report No. :ICE-2303311867 (2) Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022
Test Report as per :	: EPA Act 1986/PCLS/2010
Sampling Information :	
Date of Monitoring	: 24-03-2023
Time of Monitoring	: 14:00 to 14:18 hrs
Name of the emission source monitored	: Stack Emission of DG Set
Rated Capacity	: 1600 kVA
Capacity on sampling day	: 85 %
Type of fuel used & its consumption	: HSD & 327 ltr/hr
Normal operating schedule	: As Required
Stack Identification	: Stack attached to DG Set-1 (1600 kVA) Engine No. 16171
Type of Stack/Duct	: Metal
Stack Height from Ground Level(m)	: 9.5
Diameter of the Stack(cm)	: 40
Sampling Duration(minutes)	: 18
Purpose of Monitoring	: For Self Monitoring
Air Pollution control measure	: Not Applicable
Status	: -
Recovery of Material	: -
Fugitive Emission,if any	: Nil
Observations :	
Flue Gas Temperature, °C,Avg.	: 302
Flue Gas Velocity(m/s),Avg.	: 23.48


Saurabh Sharma
31-03-2023
Reviewer


31-03-2023
PremKumar
[Authorized Signatory]

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Test Report

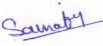
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar		Sample Reg. No. :E01-2303281132 Sample Reg. Date :28-03-2023 Report Date :31-03-2023 Report No. :ICE-2303311867 (2) Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022		
Volumetric Flow Rate(Nm ³ /hr.)		: 5357.43		
Ambient Air Temperature, °C		: 28		
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	22

'#' represents Customer Defined Fields

NOTE : NA- Not Applicable, Requirements as per EPA Act 1986/PCLS/2010, Sample collected by lab rep. on dated 24.03.2023, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A

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


Saurabh Sharma
31-03-2023
Reviewer


31-03-2023
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. :E01-2303281133 Sample Reg. Date :28-03-2023 Report Date :31-03-2023 Report No. :ICE-2303311868 (1) NABL ULR No. :TC592623000004135F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022
Test Report as per :	: EPA Act 1986/PCLS/2010
Sampling Information :	
Date of Monitoring	: 24-03-2023
Time of Monitoring	: 14:40 to 14:58 hrs
Name of the emission source monitored	: Stack Emission of DG Set
Rated Capacity	: 1600 kVA
Capacity on sampling day	: 85 %
Type of fuel used & its consumption	: HSD & 327 ltr/hr
Normal operating schedule	: As Required
Stack Identification	: Stack attached to DG Set-2 (1600 kVA) Engine No. 16386
Type of Stack/Duct	: Metal
Stack Height from Ground Level(m)	: 9.5
Diameter of the Stack(cm)	: 40
Sampling Duration(minutes)	: 18
Purpose of Monitoring	: For Self Monitoring
Air Pollution control measure	: Not Applicable
Status	: -
Recovery of Material	: -
Fugitive Emission,if any	: Nil
Observations :	

Saurabh Sharma
31-03-2023
Reviewer

31-03-2023
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. :E01-2303281133 Sample Reg. Date :28-03-2023 Report Date :31-03-2023 Report No. :ICE-2303311868 (1) NABL ULR No. :TC592623000004135F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

Flue Gas Temperature, °C,Avg.	: 298
Flue Gas Velocity(m/s),Avg.	: 23.86
Volumetric Flow Rate(Nm ³ /hr.)	: 5482.28
Ambient Air Temperature, °C	: 28

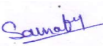
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	General Parameters			
a.	Particulate Matter,mg/Nm ³ (Corrected at 15 % O ₂)	IS:11255(P-1)	Max. 75	29.31
b.	Carbon Monoxide(CO),mg/Nm ³ (Corrected at 15 % O ₂)	IS:13270	Max. 150	74
c.	Oxides of Nitrogen NO _x (as NO ₂), ppmv (at 15% O ₂), dry basis	IS:11255(P-7)	Max. 710	375.29
d.	Sulphur Dioxide(SO ₂),mg/Nm ³	IS:11255(P-2)	Not Specified	11.22

'*' 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 24.03.2023, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A

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


Saurabh Sharma
31-03-2023
Reviewer


31-03-2023
PremKumar
[Authorized Signatory]

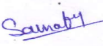
Interstellar Testing Centre Pvt. Ltd.
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)
Panchkula-134109 (Haryana)
Phone : (O) 0172-2561543, 2565825
Email : customersupport@itclabs.com
Visit us :www.itclabs.com

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Test Report

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2303281133 Sample Reg. Date :28-03-2023 Report Date :31-03-2023 Report No. :ICE-2303311868 (2) Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022
Test Report as per :	: EPA Act 1986/PCLS/2010
Sampling Information :	
Date of Monitoring	: 24-03-2023
Time of Monitoring	: 14:40 to 14:58 hrs
Name of the emission source monitored	: Stack Emission of DG Set
Rated Capacity	: 1600 kVA
Capacity on sampling day	: 85 %
Type of fuel used & its consumption	: HSD & 327 ltr/hr
Normal operating schedule	: As Required
Stack Identification	: Stack attached to DG Set-2 (1600 kVA) Engine No. 16386
Type of Stack/Duct	: Metal
Stack Height from Ground Level(m)	: 9.5
Diameter of the Stack(cm)	: 40
Sampling Duration(minutes)	: 18
Purpose of Monitoring	: For Self Monitoring
Air Pollution control measure	: Not Applicable
Status	: -
Recovery of Material	: -
Fugitive Emission,if any	: Nil
Observations :	
Flue Gas Temperature, °C,Avg.	: 298
Flue Gas Velocity(m/s),Avg.	: 23.86


Saurabh Sharma
31-03-2023
Reviewer


31-03-2023
PremKumar
[Authorized Signatory]

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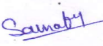
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar		Sample Reg. No. :E01-2303281133 Sample Reg. Date :28-03-2023 Report Date :31-03-2023 Report No. :ICE-2303311868 (2) Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022		
Volumetric Flow Rate(Nm ³ /hr.)		: 5482.28		
Ambient Air Temperature, °C		: 28		
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	24

'#' represents Customer Defined Fields

NOTE : NA- Not Applicable, Requirements as per EPA Act 1986/PCLS/2010, Sample collected by lab rep. on dated 24.03.2023, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A

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


Saurabh Sharma
31-03-2023
Reviewer


31-03-2023
PremKumar
[Authorized Signatory]

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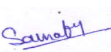
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2303281134 Sample Reg. Date :28-03-2023 Report Date :31-03-2023 Report No. :ICE-2303311758 NABL ULR No. :TC592623000004029F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

Test Report as per :	: EPA Act 1986/PCLS/2010,G.S.R 281(E),Dated- 07.03.2016
Sampling Information :	
Date of Monitoring	: 24-03-2023
Time of Monitoring	: 14:20 hrs
Purpose of Monitoring	: For Self Monitoring
Source of Noise Pollution Monitored	: DG Set-1 (1600 kVA)
Engine No.	: 16171
Make	: Mitsubishi
Date of mfg of DG Set	: Not Provided by Party
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
31-03-2023
Reviewer


31-03-2023
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. :E01-2303281134 Sample Reg. Date :28-03-2023 Report Date :31-03-2023 Report No. :ICE-2303311758 NABL ULR No. :TC592623000004029F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

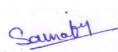
Group : Atmospheric Pollution				
1. General Parameters				
a.	Open Door at 0.5 meter away from Acoustic Enclosure, dB (A)	CPCB Guidelines	--	103.7
b.	Closed Door at 0.5 meter away from Acoustic Enclosure, dB (A)	CPCB Guidelines	Max. 75.0	74.3
c.	Insertion Loss	CPCB Guidelines	Min. 25.0	29.4

'#' represents Customer Defined Fields

NOTE : NA- Not Applicable, Requirements as per EPA Act 1986/PCLS/2010, Sampling Procedure : SOP/ITC/EW/056

REMARKS :N/A

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


Saurabh Sharma
31-03-2023
Reviewer


31-03-2023
PremKumar
[Authorized Signatory]

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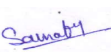
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Test Report as per :	: EPA Act 1986/PCLS/2010,G.S.R 281(E),Dated- 07.03.2016
Sampling Information :	
Date of Monitoring	: 24-03-2023
Time of Monitoring	: 15:14 hrs
Purpose of Monitoring	: For Self Monitoring
Source of Noise Pollution Monitored	: DG Set -2 (1600 kVA)
Engine No.	: 16386
Make	: Mitsubishi
Date of mfg of DG Set	: Not Provided by Party
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 -2 (1600 kVA) Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			


Saurabh Sharma
31-03-2023
Reviewer


31-03-2023
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	--	104.3
b.	Closed Door at 0.5 meter away from Acoustic Enclosure, dB (A)	CPCB Guidelines	Max. 75.0	74.5
c.	Insertion Loss	CPCB Guidelines	Min. 25.0	29.8

'#' represents Customer Defined Fields

NOTE : NA- Not Applicable, Requirements as per EPA Act 1986/PCLS/2010, Sampling Procedure : SOP/ITC/EW/056.

REMARKS :N/A

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


Saurabh Sharma
31-03-2023
Reviewer


31-03-2023
PremKumar
[Authorized Signatory]

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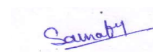
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2303271061 Sample Reg. Date :27-03-2023 Report Date :30-03-2023 Report No. :ICE-2303301704 (1) NABL ULR No. :TC592623000003961F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

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
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	27-03-2023
n)	Date of Start	27-03-2023
o)	Date of Completion	30-03-2023
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample collected by lab rep. Mr. Vedpal on 24.03.2023, Sample from Bore Well at Village: Jhamri


30-03-2023
Deepika Heera
[Authorized Signatory]


Saurabh Sharma
30-03-2023
Reviewer


30-03-2023
PremKumar
[Authorized Signatory]

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Page 2 of 5

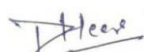
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar		Sample Reg. No. :E01-2303271061	
		Sample Reg. Date :27-03-2023	
		Report Date :30-03-2023	
		Report No. :ICE-2303301704 (1)	
		NABL ULR No. :TC592623000003961F	
		Customer Ref. No.: Order No.5030010814	
		Letter Dated :21.11.2022	
s)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)	
t)	Manufactured By [#]	NA	
u)	Supplied By [#]	NA	

PART B : SUPPLEMENTARY INFORMATIONS

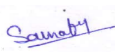
a.	Reference to sampling procedure, whenever applicable	: N/A
b.	Supporting documents for the measurement taken and results derived like graphs, tables, sketches and / or photographs as appropriate to test reports, if any	: N/A
c.	Deviation from the test methods as prescribed in relevant ISS/WORK Instruments, 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.	4.2
e.	pH Value	IS: 3025 (Part-11): 2022	6.5-8.5	No relaxation	7.77



30-03-2023
Deepika Heera
[Authorized Signatory]



Saurabh Sharma
30-03-2023
Reviewer



30-03-2023
PremKumar
[Authorized Signatory]

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Test Report

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Page 3 of 5

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f.	Total Dissolved Solids,(mg/L)	IS: 3025 (P-16)-1984 (RA 2017)	500 Max.	2000 Max.	563
2. Parameters Concerning Undesirable Substances in excess amount					
a.	Aluminium as Al, (mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.03 Max.	0.2 Max.	0.023
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: 3025 (P-65)-2014 (RA 2019)	0.7 Max.	No relaxation	0.279
e.	Boron (as B) (mg/l)	IS: 3025 (P-65)-2014 (RA 2019)	0.5 Max.	2.4 Max.	0.033
f.	Calcium(as Ca),(mg/L)	IS: 3025 (Part 40)- 1991 (RA 2019)	75 Max.	200 Max.	55
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.	23
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.	16

30-03-2023
Deepika Heera
 [Authorized Signatory]

30-03-2023
Saurabh Sharma
 [Reviewer]

30-03-2023
PremKumar
 [Authorized Signatory]

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o.	Manganese as Mn, (mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.1 Max.	0.3 Max.	BLQ(LOQ:0.002)
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	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.	20
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.	265
w.	Total Hardness(as CaCO ₃)(mg/L)	IS: 3025 (Part 21)-2009 (RA 2019)	200 Max.	600 Max.	202
x.	Zinc(as Zn)(mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	5 Max.	15 Max.	0.071
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)

30-03-2023
 Deepika Heera
 [Authorized Signatory]

Saurabh Sharma
 30-03-2023
 Reviewer

30-03-2023
 PremKumar
 [Authorized Signatory]

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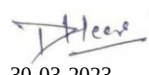
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar			Sample Reg. No. :E01-2303271061 Sample Reg. Date :27-03-2023 Report Date :30-03-2023 Report No. :ICE-2303301704 (1) NABL ULR No. :TC592623000003961F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022		
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)

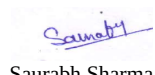
'*' represents categories/test parameters not covered under NABL '#' represents Customer Defined Fields

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

REMARKS : The above referred sample of Ground Water conforms to BIS Specification IS:10500-2012 with upto date amdts with respect to the above tests.

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


 30-03-2023
 Deepika Heera
 [Authorized Signatory]


 Saurabh Sharma
 30-03-2023
 Reviewer


 30-03-2023
 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. :E01-2303271061 Sample Reg. Date :27-03-2023 Report Date :30-03-2023 Report No. :ICE-2303301704 (2) Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

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
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	27-03-2023
n)	Date of Start	27-03-2023
o)	Date of Completion	30-03-2023
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample collected by lab rep. Mr. Vedpal on 24.03.2023, Sample from Bore Well at Village: Jhamri
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

Test Report

Document QF : 2501

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2303271061 Sample Reg. Date :27-03-2023 Report Date :30-03-2023 Report No. :ICE-2303301704 (2) Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

Description	Clear colorless liquid .				
S.No.	Parameters	Method	Acceptable Limit	Permissible Limit	Result
	Discipline : Biological				
	Group : Water				
1.	Microbiological Tests				
a.	<i>E.Coli/100 mL</i>	IS:15185(Membrane Filtration Method)	Shall not be detectable in any 100 ml sample	-	Absent
b.	Total Coliform Count/100 mL	IS:15185(Membrane Filtration Method)	Shall not be detectable in any 100 ml sample	-	Absent

'#' represents Customer Defined Fields

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

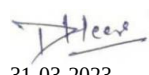
REMARKS :The above referred sample of Ground Water conforms to BIS Specification IS:10500-2012 with upto date amdts with respect to the above tests.

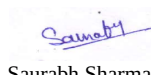
*******End Of Report*******

Test Report

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2303271055 Sample Reg. Date :27-03-2023 Report Date :31-03-2023 Report No. :ICE-2303311833 (1) NABL ULR No. :TC592623000004071F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022
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
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	27-03-2023
n) Date of Start	27-03-2023
o) Date of Completion	30-03-2023
p) Seal (Intact/Not Intact/Unsealed)	NA
q) IO'S Signature (Signed/Unsigned)	Unsigned
r) Any Other Information	Sample collected by lab rep. Mr. Vedpal on 24.03.2023, Sample from Bore Well at Village: Khanpur Kalan


 31-03-2023
 Deepika Heera
 [Authorized Signatory]


 Saurabh Sharma
 31-03-2023
 Reviewer


 31-03-2023
 PremKumar
 [Authorized Signatory]

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Test Report

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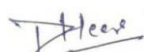
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar		Sample Reg. No. :E01-2303271055	
		Sample Reg. Date :27-03-2023	
		Report Date :31-03-2023	
		Report No. :ICE-2303311833 (1)	
		NABL ULR No. :TC592623000004071F	
		Customer Ref. No.: Order No.5030010814	
		Letter Dated :21.11.2022	
s)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)	
t)	Manufactured By [#]	NA	
u)	Supplied By [#]	NA	

PART B : SUPPLEMENTARY INFORMATIONS

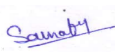
a.	Reference to sampling procedure, whenever applicable	: N/A
b.	Supporting documents for the measurement taken and results derived like graphs, tables, sketches and / or photographs as appropriate to test reports, if any	: N/A
c.	Deviation from the test methods as prescribed in relevant ISS/WORK Instruments, 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	7.84



31-03-2023
Deepika Heera
[Authorized Signatory]



Saurabh Sharma
31-03-2023
Reviewer



31-03-2023
Prem Kumar
[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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f.	Total Dissolved Solids,(mg/L)	IS: 3025 (P-16)-1984 (RA 2017)	500 Max.	2000 Max.	563
2. Parameters Concerning Undesirable Substances in excess amount					
a.	Aluminium as Al, (mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.03 Max.	0.2 Max.	0.025
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: 3025 (P-65)-2014 (RA 2019)	0.7 Max.	No relaxation	0.278
e.	Boron (as B) (mg/l)	IS: 3025 (P-65)-2014 (RA 2019)	0.5 Max.	2.4 Max.	0.034
f.	Calcium(as Ca),(mg/L)	IS: 3025 (Part 40)- 1991 (RA 2019)	75 Max.	200 Max.	69
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.	30
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.	23

31-03-2023
Deepika Heera
 [Authorized Signatory]

31-03-2023
Saurabh Sharma
 [Reviewer]

31-03-2023
PremKumar
 [Authorized Signatory]

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o.	Manganese as Mn, (mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.1 Max.	0.3 Max.	BLQ(LOQ:0.002)
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	8
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.	21
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.	207
w.	Total Hardness(as CaCO ₃)(mg/L)	IS: 3025 (Part 21)-2009 (RA 2019)	200 Max.	600 Max.	268
x.	Zinc(as Zn)(mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	5 Max.	15 Max.	0.071
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(as CN)(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)

31-03-2023
Deepika Heera
[Authorized Signatory]

31-03-2023
Saurabh Sharma
Reviewer

31-03-2023
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)

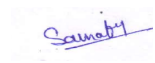
'*' represents categories/test parameters not covered under NABL '#' represents Customer Defined Fields

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

REMARKS : The above referred sample of Ground Water conforms to BIS Specification IS:10500-2012 with upto date amdts with respect to the above tests.

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


 31-03-2023
 Deepika Heera
 [Authorized Signatory]


 Saurabh Sharma
 31-03-2023
 Reviewer


 31-03-2023
 PremKumar
 [Authorized Signatory]

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2303271055 Sample Reg. Date :27-03-2023 Report Date :31-03-2023 Report No. :ICE-2303311833 (2) Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

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
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	27-03-2023
n)	Date of Start	27-03-2023
o)	Date of Completion	30-03-2023
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample collected by lab rep. Mr. Vedpal on 24.03.2023, Sample from Bore Well at Village: Khanpur Kalan
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

Test Report

Document QF : 2501

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2303271055 Sample Reg. Date :27-03-2023 Report Date :31-03-2023 Report No. :ICE-2303311833 (2) Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

Description	Clear colorless liquid.				
S.No.	Parameters	Method	Acceptable Limit	Permissible Limit	Result
	Discipline : Biological				
	Group : Water				
1.	Microbiological Tests				
a.	<i>E.Coli/100 mL</i>	IS:15185(Membrane Filtration Method)	Shall not be detectable in any 100 ml sample	-	Absent
b.	Total Coliform Count/100 mL	IS:15185(Membrane Filtration Method)	Shall not be detectable in any 100 ml sample	-	Absent

'#' represents Customer Defined Fields

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

REMARKS :The above referred sample of Ground Water conforms to BIS Specification IS:10500-2012 with upto date amdts with respect to the above tests.

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

Test Report

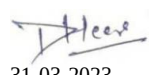
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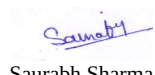
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2303271057 Sample Reg. Date :27-03-2023 Report Date :31-03-2023 Report No. :ICE-2303311830 (1) NABL ULR No. :TC592623000004068F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

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
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	27-03-2023
n)	Date of Start	27-03-2023
o)	Date of Completion	30-03-2023
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample collected by lab rep. Mr. Vedpal on 24.03.2023, Sample from Bore Well at Village: Khanpur Khurd


 31-03-2023
 Deepika Heera
 [Authorized Signatory]


 Saurabh Sharma
 31-03-2023
 Reviewer


 31-03-2023
 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. :E01-2303271057 Sample Reg. Date :27-03-2023 Report Date :31-03-2023 Report No. :ICE-2303311830 (1) NABL ULR No. :TC592623000004068F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022
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	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.	4.5
e.	pH Value	IS: 3025 (Part-11): 2022	6.5-8.5	No relaxation	7.78

31-03-2023
Deepika Heera
[Authorized Signatory]

31-03-2023
Saurabh Sharma
Reviewer

31-03-2023
PremKumar
[Authorized Signatory]

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Page 3 of 5

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar			Sample Reg. No. :E01-2303271057 Sample Reg. Date :27-03-2023 Report Date :31-03-2023 Report No. :ICE-2303311830 (1) NABL ULR No. :TC592623000004068F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022		
f.	Total Dissolved Solids,(mg/L)	IS: 3025 (P-16)-1984 (RA 2017)	500 Max.	2000 Max.	561
2. Parameters Concerning Undesirable Substances in excess amount					
a.	Aluminium as Al, (mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.03 Max.	0.2 Max.	0.026
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: 3025 (P-65)-2014 (RA 2019)	0.7 Max.	No relaxation	0.277
e.	Boron (as B) (mg/l)	IS: 3025 (P-65)-2014 (RA 2019)	0.5 Max.	2.4 Max.	0.034
f.	Calcium(as Ca),(mg/L)	IS: 3025 (Part 40)- 1991 (RA 2019)	75 Max.	200 Max.	72
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.	23
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.	18

31-03-2023
Deepika Heera
 [Authorized Signatory]

31-03-2023
Saurabh Sharma
 [Reviewer]

31-03-2023
PremKumar
 [Authorized Signatory]

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar			Sample Reg. No. :E01-2303271057 Sample Reg. Date :27-03-2023 Report Date :31-03-2023 Report No. :ICE-2303311830 (1) NABL ULR No. :TC592623000004068F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022		
o.	Manganese as Mn, (mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.1 Max.	0.3 Max.	BLQ(LOQ:0.002)
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	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.	20
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.	302
w.	Total Hardness(as CaCO ₃)(mg/L)	IS: 3025 (Part 21)-2009 (RA 2019)	200 Max.	600 Max.	254
x.	Zinc(as Zn)(mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	5 Max.	15 Max.	0.066
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)

31-03-2023
 Deepika Heera
 [Authorized Signatory]

Saurabh Sharma
 31-03-2023
 Reviewer

31-03-2023
 PremKumar
 [Authorized Signatory]

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Test Report

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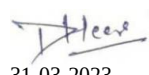
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar			Sample Reg. No. :E01-2303271057 Sample Reg. Date :27-03-2023 Report Date :31-03-2023 Report No. :ICE-2303311830 (1) NABL ULR No. :TC592623000004068F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022		
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)

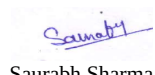
'*' represents categories/test parameters not covered under NABL '#' represents Customer Defined Fields

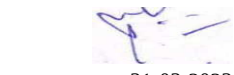
NOTE : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Sampling Procedure - SOP/ITC/EW/030

REMARKS : The above referred sample of Ground Water conforms to BIS Specification IS:10500-2012 with upto date amdts with respect to the above tests.

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


 31-03-2023
 Deepika Heera
 [Authorized Signatory]


 Saurabh Sharma
 31-03-2023
 Reviewer


 31-03-2023
 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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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2303271057 Sample Reg. Date :27-03-2023 Report Date :31-03-2023 Report No. :ICE-2303311830 (2) Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

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
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	27-03-2023
n)	Date of Start	27-03-2023
o)	Date of Completion	30-03-2023
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample collected by lab rep. Mr. Vedpal on 24.03.2023, Sample from Bore Well at Village: Khanpur Khurd
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

Test Report

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2303271057 Sample Reg. Date :27-03-2023 Report Date :31-03-2023 Report No. :ICE-2303311830 (2) Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

Description	Clear colorless liquid .				
S.No.	Parameters	Method	Acceptable Limit	Permissible Limit	Result
	Discipline : Biological				
	Group : Water				
1.	Microbiological Tests				
a.	<i>E.Coli/100 mL</i>	IS:15185(Membrane Filtration Method)	Shall not be detectable in any 100 ml sample	-	Absent
b.	Total Coliform Count/100 mL	IS:15185(Membrane Filtration Method)	Shall not be detectable in any 100 ml sample	-	Absent

'#' represents Customer Defined Fields

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

REMARKS :The above referred sample of Ground Water conforms to BIS Specification IS:10500-2012 with upto date amdts with respect to the above tests.

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

Test Report

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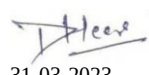
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2303271059 Sample Reg. Date :27-03-2023 Report Date :31-03-2023 Report No. :ICE-2303311834 (1) NABL ULR No. :TC592623000004069F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

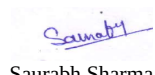
Test Report as per IS:BIS Specification IS:10500-2012

With Amendment No.(s):01 to 04

PART A : PARTICULARS OF SAMPLE SUBMITTED

a)	Nature of Sample #	Ground Water
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	27-03-2023
n)	Date of Start	27-03-2023
o)	Date of Completion	30-03-2023
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample collected by lab rep. Mr. Vedpal on 24.03.2023, Sample from Bore Well at Village: Wazidpur


31-03-2023
Deepika Heera
[Authorized Signatory]


Saurabh Sharma
31-03-2023
Reviewer


31-03-2023
PremKumar
[Authorized Signatory]

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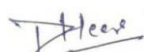
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar		Sample Reg. No. :E01-2303271059	
		Sample Reg. Date :27-03-2023	
		Report Date :31-03-2023	
		Report No. :ICE-2303311834 (1)	
		NABL ULR No. :TC592623000004069F	
		Customer Ref. No.: Order No.5030010814	
		Letter Dated :21.11.2022	
s)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)	
t)	Manufactured By [#]	NA	
u)	Supplied By [#]	NA	

PART B : SUPPLEMENTARY INFORMATIONS

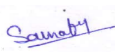
a.	Reference to sampling procedure, whenever applicable	: N/A
b.	Supporting documents for the measurement taken and results derived like graphs, tables, sketches and / or photographs as appropriate to test reports, if any	: N/A
c.	Deviation from the test methods as prescribed in relevant ISS/WORK Instruments, 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.	4.4
e.	pH Value	IS: 3025 (Part-11): 2022	6.5-8.5	No relaxation	7.85



31-03-2023
Deepika Heera
[Authorized Signatory]



Saurabh Sharma
31-03-2023
Reviewer



31-03-2023
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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Test Report

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Page 3 of 5

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar			Sample Reg. No. :E01-2303271059 Sample Reg. Date :27-03-2023 Report Date :31-03-2023 Report No. :ICE-2303311834 (1) NABL ULR No. :TC592623000004069F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022		
f.	Total Dissolved Solids,(mg/L)	IS: 3025 (P-16)-1984 (RA 2017)	500 Max.	2000 Max.	554
2. Parameters Concerning Undesirable Substances in excess amount					
a.	Aluminium as Al, (mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.03 Max.	0.2 Max.	0.023
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: 3025 (P-65)-2014 (RA 2019)	0.7 Max.	No relaxation	0.278
e.	Boron (as B) (mg/l)	IS: 3025 (P-65)-2014 (RA 2019)	0.5 Max.	2.4 Max.	0.032
f.	Calcium(as Ca),(mg/L)	IS: 3025 (Part 40)- 1991 (RA 2019)	75 Max.	200 Max.	59
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
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.	12

31-03-2023
Deepika Heera
 [Authorized Signatory]

31-03-2023
Saurabh Sharma
 [Reviewer]

31-03-2023
PremKumar
 [Authorized Signatory]

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o.	Manganese as Mn, (mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	0.1 Max.	0.3 Max.	BLQ(LOQ:0.002)
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	12
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.	22
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.	286
w.	Total Hardness(as CaCO ₃)(mg/L)	IS: 3025 (Part 21)-2009 (RA 2019)	200 Max.	600 Max.	198
x.	Zinc(as Zn)(mg/L)	IS: 3025 (P-65)-2014 (RA 2019)	5 Max.	15 Max.	0.078
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)

31-03-2023
 Deepika Heera
 [Authorized Signatory]

Saurabh Sharma
 31-03-2023
 Reviewer

31-03-2023
 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. :E01-2303271059 Sample Reg. Date :27-03-2023 Report Date :31-03-2023 Report No. :ICE-2303311834 (1) NABL ULR No. :TC592623000004069F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022		
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)

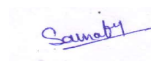
'*' represents categories/test parameters not covered under NABL '#' represents Customer Defined Fields

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

REMARKS : The above referred sample of Ground Water conforms to BIS Specification IS:10500-2012 with upto date amdots with respect to the above tests.

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


 31-03-2023
 Deepika Heera
 [Authorized Signatory]


 Saurabh Sharma
 31-03-2023
 Reviewer


 31-03-2023
 PremKumar
 [Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.
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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. :E01-2303271059 Sample Reg. Date :27-03-2023 Report Date :31-03-2023 Report No. :ICE-2303311834 (2) Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

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
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	27-03-2023
n)	Date of Start	27-03-2023
o)	Date of Completion	30-03-2023
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample collected by lab rep. Mr. Vedpal on 24.03.2023, Sample from Bore Well at Village: Wazidpur
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

Test Report

Document QF : 2501

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2303271059 Sample Reg. Date :27-03-2023 Report Date :31-03-2023 Report No. :ICE-2303311834 (2) Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

Description	Clear colorless liquid .				
S.No.	Parameters	Method	Acceptable Limit	Permissible Limit	Result
	Discipline : Biological				
	Group : Water				
1.	Microbiological Tests				
a.	<i>E.Coli/100 mL</i>	IS:15185(Membrane Filtration Method)	Shall not be detectable in any 100 ml sample	-	Absent
b.	Total Coliform Count/100 mL	IS:15185(Membrane Filtration Method)	Shall not be detectable in any 100 ml sample	-	Absent

'#' represents Customer Defined Fields

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

REMARKS :The above referred sample of Ground Water conforms to BIS Specification IS:10500-2012 with upto date amdts with respect to the above tests.

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

Test Report

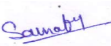
Document OF : 2501
Page 1 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2303200724 Sample Reg. Date :20-03-2023 Report Date :29-03-2023 Report No. :ICE-2303291633 (1) NABL ULR No. :TC592623000003889F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

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 #	3 Ltr
k)	Batch Size/Location #	NA
l)	Mode of Packing	Packed in cans
m)	Date of Receipt	20-03-2023
n)	Date of Start	20-03-2023
o)	Date of Completion	24-03-2023
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample collected by lab rep. on 17.03.2023


 Saurabh Sharma
 29-03-2023
 Reviewer


 29-03-2023
 PremKumar
 [Authorized Signatory]

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			Sample Reg. Date :20-03-2023
			Report Date :29-03-2023
			Report No. :ICE-2303291633 (1)
			NABL ULR No. :TC592623000003889F
			Customer Ref. No.:Order No.5030010814
			Letter Dated :21.11.2022
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	ETP Inlet Water				
S.No.	Parameters	Instrument	Method	Specification	Result
	Discipline : Chemical				
	Group : Pollution & Environment				
1.	General Parameters				
a.	Colour	Visual	IS: 3025 (P-4)-2021		Light Greyish
b.	Odour.	Organoleptic	IS: 3025 (P-5)-2018		Mild
c.	pH Value	pH Meter	IS: 3025 (Part 11): 2017		6.68
d.	Total Suspended Solids,(mg/L)	Gravimetric	IS 3025 (Part 17): 2017		87
e.	Total Dissolved Solids (mg/L)	Gravimetric	IS 3025 (Part 16) : 2017	-	428

Saurabh Sharma
Saurabh Sharma
29-03-2023
Reviewer

PremKumar
29-03-2023
PremKumar
[Authorized Signatory]

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Test Report

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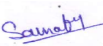
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar			Sample Reg. No. :E01-2303200724 Sample Reg. Date :20-03-2023 Report Date :29-03-2023 Report No. :ICE-2303291633 (1) NABL ULR No. :TC592623000003889F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022		
f.	Chemical Oxygen Demand(mg/L)	COD Reflux Assembly	IS 3025 (Part 58) : 2017		188
g.	Bio-chemical Oxygen Demand, mg/L (3 days at 27°C)	BOD Incubator	IS 3025 (Part 44) : 2019		66
h.	Oil & Grease(mg/L)	Gravimetric	IS 3025 (Part 39) : 2021		6.2
i.	Zinc(As Zn)(mg/L)	ICPOES	IS:3025 (Part-2): 2019		BLQ(LOQ:0.05)
j.	Arsenic(as As)(mg/L)	ICPOES	IS:3025 (Part-2): 2019		BLQ(LOQ:0.05)
k.	Total Chromium as Cr (mg/L)	ICPOES	IS:3025 (Part-2): 2019		BLQ(LOQ:0.05)
l.	Cyanide (as CN),(mg/L)	UV-Spectrophotometer	IS 3025 (Part 27): 2019		BLQ(LOQ:0.05)
m.	Iron(as Fe)(mg/L)	ICPOES	IS:3025 (Part-2): 2019		BLQ(LOQ:0.05)
n.	Temperature(°C)	THERMOMETER	IS 3025 (Part 9): 2017		24.1
o.	Free Residual Chlorine (mg/L)	Titration	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

REMARKS :N/A

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


 Saurabh Sharma
 29-03-2023
 Reviewer


 29-03-2023
 PremKumar
 [Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.
 86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)
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 Phone : (O) 0172-2561543, 2565825
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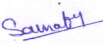
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2303200724 Sample Reg. Date :20-03-2023 Report Date :29-03-2023 Report No. :ICE-2303291633 (2) Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

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 [#]	3 Ltr
k)	Batch Size/Location [#]	NA
l)	Mode of Packing	Packed in cans
m)	Date of Receipt	20-03-2023
n)	Date of Start	20-03-2023
o)	Date of Completion	24-03-2023
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample collected by lab rep. on 17.03.2023
s)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)


Saurabh Sharma
29-03-2023
Reviewer


29-03-2023
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. :E01-2303200724 Sample Reg. Date :20-03-2023 Report Date :29-03-2023 Report No. :ICE-2303291633 (2) Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

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

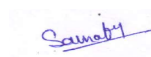
Description					
Description		ETP Inlet Water			
S.No.	Parameters	Instrument	Method	Specification	Result
	Discipline : Chemical				
	Group : Pollution & Environment				
1.	General Parameters				
a.	Total Phosphate (as P) (mg/L)	UV-Spectrophotometer	APHA 23rd Edition 4500 - P D: 2017		0.02

[#] 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
29-03-2023
Reviewer


29-03-2023
PremKumar
[Authorized Signatory]

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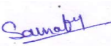
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2303200726 Sample Reg. Date :20-03-2023 Report Date :29-03-2023 Report No. :ICE-2303291635 (1) NABL ULR No. :TC592623000003892F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

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 #	8 Ltr
k)	Batch Size/Location #	NA
l)	Mode of Packing	Packed in cans
m)	Date of Receipt	20-03-2023
n)	Date of Start	20-03-2023
o)	Date of Completion	29-03-2023
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample collected by lab rep. on 17.03.2023


 Saurabh Sharma
 29-03-2023
 Reviewer


 29-03-2023
 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. :E01-2303200726 Sample Reg. Date :20-03-2023 Report Date :29-03-2023 Report No. :ICE-2303291635 (1) NABL ULR No. :TC592623000003892F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022
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	ETP Outlet Water				
S.No.	Parameters	Instrument	Method	Specification	Result
	Discipline : Chemical				
	Group : Pollution & Environment				
1.	General Parameters				
a.	Colour	Visual	IS: 3025 (P-4)-2021	Not Specified	Colourless
b.	Odour.	Organoleptic	IS: 3025 (P-5)-2018	Not Specified	None
c.	pH Value	pH Meter	IS: 3025 (Part 11): 2017	5.5-9	6.74
d.	Total Suspended Solids,(mg/L)	Gravimetric	IS 3025 (Part 17): 2017	Max. 100	22
e.	Total Dissolved Solids (mg/L)	Gravimetric	IS 3025 (Part 16) : 2017	Not Specified	460

Saurabh Sharma
Saurabh Sharma
29-03-2023
Reviewer

PremKumar
29-03-2023
PremKumar
[Authorized Signatory]

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Interstellar Testing Centre Pvt. Ltd.

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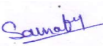
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar			Sample Reg. No. :E01-2303200726 Sample Reg. Date :20-03-2023 Report Date :29-03-2023 Report No. :ICE-2303291635 (1) NABL ULR No. :TC592623000003892F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022		
f.	Chemical Oxygen Demand(mg/L)	COD Reflux Assembly	IS 3025 (Part 58) : 2017	Max. 250	35
g.	Bio-chemical Oxygen Demand, mg/L (3 days at 27°C)	BOD Incubator	IS 3025 (Part 44) : 2019	Max. 30	10
h.	Oil & Grease(mg/L)	Gravimetric	IS 3025 (Part 39) : 2021	Max. 10	<4.0
i.	Zinc(As Zn)(mg/L)	ICPOES	IS:3025 (Part-2): 2019	Max. 5.0	BLQ(LOQ:0.05)
j.	Arsenic(as As)(mg/L)	ICPOES	IS:3025 (Part-2): 2019	Max. 0.2	BLQ(LOQ:0.05)
k.	Total Chromium as Cr (mg/L)	ICPOES	IS:3025 (Part-2): 2019	Max. 2.0	BLQ(LOQ:0.05)
l.	Cyanide (as CN),(mg/L)	UV-Spectrophotometer	IS 3025 (Part 27): 2019	Max. 0.2	BLQ(LOQ:0.05)
m.	Iron(as Fe)(mg/L)	ICPOES	IS:3025 (Part-2): 2019	Max. 3.0	BLQ(LOQ:0.05)
n.	Bio Assay Test	Qualitative	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)	THERMOMETER	IS 3025 (Part 9): 2017		25
p.	Free Residual Chlorine (mg/L)	Titration	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, Requirement as per EPA Act 1986/PCLS/2010. Sampling Procedure - SOP/ITC/EW/030


 Saurabh Sharma
 29-03-2023
 Reviewer


 29-03-2023
 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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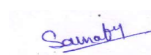
Test Report

Document OF : 2501
Page 4 of 4

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2303200726 Sample Reg. Date :20-03-2023 Report Date :29-03-2023 Report No. :ICE-2303291635 (1) NABL ULR No. :TC592623000003892F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

REMARKS :N/A

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


Saurabh Sharma
29-03-2023
Reviewer


29-03-2023
PremKumar
[Authorized Signatory]

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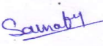
Document QF : 2501
Page 1 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2303200726 Sample Reg. Date :20-03-2023 Report Date :29-03-2023 Report No. :ICE-2303291635 (2) Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

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 #	8 Ltr
k)	Batch Size/Location #	NA
l)	Mode of Packing	Packed in cans
m)	Date of Receipt	20-03-2023
n)	Date of Start	20-03-2023
o)	Date of Completion	29-03-2023
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample collected by lab rep. on 17.03.2023
s)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)


Saurabh Sharma
29-03-2023
Reviewer


29-03-2023
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. :E01-2303200726 Sample Reg. Date :20-03-2023 Report Date :29-03-2023 Report No. :ICE-2303291635 (2) Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

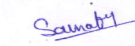
t)	Manufactured By [#]	NA
u)	Supplied By [#]	NA

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		ETP Outlet Water			
S.No.	Parameters	Instrument	Method	Specification	Result
	Discipline : Chemical				
	Group : Pollution & Environment				
1.	General Parameters				
a.	Total Phosphate (as P) (mg/L)	UV-Spectrophotometer	APHA 23rd Edition 4500 - P D: 2017	Not Specified	0.016

[#] represents Customer Defined Fields


Saurabh Sharma
29-03-2023
Reviewer


29-03-2023
PremKumar
[Authorized Signatory]

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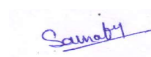
Document QF : 2501
Page 3 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2303200726 Sample Reg. Date :20-03-2023 Report Date :29-03-2023 Report No. :ICE-2303291635 (2) Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

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
29-03-2023
Reviewer


29-03-2023
PremKumar
[Authorized Signatory]

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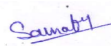
Document OF : 2501
Page 1 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2303271050 Sample Reg. Date :27-03-2023 Report Date :04-04-2023 Report No. :ICE-2304040151 NABL ULR No. :TC592623000004259F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

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	27-03-2023
n)	Date of Start	27-03-2023
o)	Date of Completion	04-04-2023
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: 24.03.2023


 Saurabh Sharma
 04-04-2023
 Reviewer


 04-04-2023
 PremKumar
 [Authorized Signatory]

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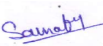
Document OF : 2501
Page 2 of 3

Issued To	Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2303271050
		Sample Reg. Date :27-03-2023
		Report Date :04-04-2023
		Report No. :ICE-2304040151
		NABL ULR No. :TC592623000004259F
		Customer Ref. No.:Order No.5030010814
		Letter Dated :21.11.2022
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	Instrument	Method	Specification	Result
Discipline : Chemical					
Group : Pollution & Environment					
1.	General Parameters				
a.	Colour	Visual	IS: 3025 (P-4)-2021		Greyish
b.	Odour.	Organoleptic	IS: 3025 (P-5)-2018		None
c.	pH Value	pH Meter	IS: 3025 (Part 11): 2017		7.63
d.	Total Suspended Solids,(mg/L)	Gravimetric	IS 3025 (Part 17): 2017		56
e.	Total Dissolved Solids (mg/L)	Gravimetric	IS 3025 (Part 16) : 2017	-	403


Saurabh Sharma
04-04-2023
Reviewer


04-04-2023
PremKumar
[Authorized Signatory]

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Test Report

Document OF : 2501
Page 3 of 3

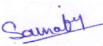
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar			Sample Reg. No. :E01-2303271050 Sample Reg. Date :27-03-2023 Report Date :04-04-2023 Report No. :ICE-2304040151 NABL ULR No. :TC592623000004259F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022		
f.	Chemical Oxygen Demand(mg/L)	COD Reflux Assembly	IS 3025 (Part 58) : 2017		130
g.	Bio-chemical Oxygen Demand, mg/L (3 days at 27°C)	BOD Incubator	IS 3025 (Part 44) : 2019		45
h.	Oil & Grease(mg/L)	Gravimetric	IS 3025 (Part 39) : 2021		4.8
i.	Free Residual Chlorine (mg/L)	Titration	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
 04-04-2023
 Reviewer


 04-04-2023
 PremKumar
 [Authorized Signatory]

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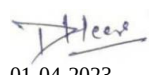
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Page 1 of 3

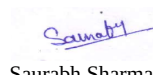
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2303271051 Sample Reg. Date :27-03-2023 Report Date :01-04-2023 Report No. :ICE-2304010031 (1) NABL ULR No. :TC592623000004172F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

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	27-03-2023
n)	Date of Start	27-03-2023
o)	Date of Completion	01-04-2023
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: 24.03.2023


 01-04-2023
Deepika Heera
 [Authorized Signatory]


 Saurabh Sharma
 01-04-2023
Reviewer


 03-04-2023
PremKumar
 [Authorized Signatory]

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Page 2 of 3

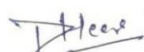
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar		Sample Reg. No. :E01-2303271051	
		Sample Reg. Date :27-03-2023	
		Report Date :01-04-2023	
		Report No. :ICE-2304010031 (1)	
		NABL ULR No. :TC592623000004172F	
		Customer Ref. No.: Order No.5030010814	
		Letter Dated :21.11.2022	
s)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)	
t)	Manufactured By [#]	NA	
u)	Supplied By [#]	NA	

PART B : SUPPLEMENTARY INFORMATIONS

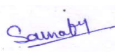
a.	Reference to sampling procedure, whenever applicable	: N/A
b.	Supporting documents for the measurement taken and results derived like graphs, tables, sketches and / or photographs as appropriate to test reports, if any	: N/A
c.	Deviation from the test methods as prescribed in relevant ISS/WORK Instruments,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

Description

Description		Turbid Liquid with suspended & Settleable particles			
S.No.	Parameters	Instrument	Method	Specification	Result
Discipline : Chemical					
Group : Pollution & Environment					
1. General Parameters					
a.	Nitrate as NO ₃ (mg/L)	UV-Spectrophotometer	IS 3025 (Part 34) : 2019		BLQ(LOQ:1.0)
b.	Calcium(as Ca)(mg/L)	Titration	IS 3025 (Part 40): 2019	-	64.53
c.	Magnesium as Mg(mg/L)	Calculation	IS: 3025 Part 46): 2019	-	18.7
d.	Sodium(as Na)(mg/L)	Flame Photometer	IS 3025(Part 45): 2019	-	10.1
e.	Potassium as K ₁ (mg/L)	Flame Photometer	APHA 23rd Edition-3500K B: 2017		4.0



01-04-2023
Deepika Heera
[Authorized Signatory]



Saurabh Sharma
01-04-2023
Reviewer



03-04-2023
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 OF : 2501
Page 3 of 3

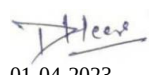
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar			Sample Reg. No. :E01-2303271051 Sample Reg. Date :27-03-2023 Report Date :01-04-2023 Report No. :ICE-2304010031 (1) NABL ULR No. :TC592623000004172F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022		
Discipline : Biological					
Group : Pollution & Environment					
1. Microbiological Tests					
a.	Faecal Coliforms, (MPN/100mL)	Microbiological	APHA-23 rd Edn - 9221 F : 2017		5.4 x 10 ⁵
b.	E.coli, (MPN/100mL)	Microbiological	APHA 23rd Edn. 9221 E : 2017		3.2 x 10 ⁵
c.	Total Coliform (MPN/100ml)	Microbiological	APHA 23rd ED : 2017 (9221.B)		7.6 x 10 ⁶

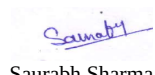
*# represents categories/test parameters not covered under NABL '#' represents Customer Defined Fields

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*****


01-04-2023
Deepika Heera
[Authorized Signatory]


Saurabh Sharma
01-04-2023
Reviewer


03-04-2023
PremKumar
[Authorized Signatory]

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

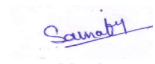
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2303271051 Sample Reg. Date :27-03-2023 Report Date :01-04-2023 Report No. :ICE-2304010031 (2) Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

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	27-03-2023
n)	Date of Start	27-03-2023
o)	Date of Completion	01-04-2023
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: 24.03.2023
s)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)


01-04-2023
Deepika Heera
[Authorized Signatory]


Saurabh Sharma
01-04-2023
Reviewer


03-04-2023
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. :E01-2303271051 Sample Reg. Date :27-03-2023 Report Date :01-04-2023 Report No. :ICE-2304010031 (2) Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

t)	Manufactured By [#]	NA
u)	Supplied By [#]	NA

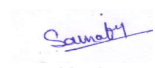
PART B : SUPPLIMENTARY INFORMATIONS

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		Turbid Liquid with suspended & Settleable particles			
S.No.	Parameters	Instrument	Method	Specification	Result
	Discipline : Chemical				
	Group : Pollution & Environment				
1.	General Parameters				
a.	Phosphate as PO ₄ (mg/L)	UV-Spectrophotometer	APHA 23rd Edition 4500 - P D: 2017		BLQ(LOQ:0.003)

[#] represents Customer Defined Fields


01-04-2023
Deepika Heera
[Authorized Signatory]


Saurabh Sharma
01-04-2023
Reviewer


03-04-2023
PremKumar
[Authorized Signatory]

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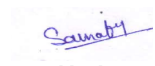
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2303271051 Sample Reg. Date :27-03-2023 Report Date :01-04-2023 Report No. :ICE-2304010031 (2) Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

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*****


01-04-2023
Deepika Heera
[Authorized Signatory]


Saurabh Sharma
01-04-2023
Reviewer


03-04-2023
PremKumar
[Authorized Signatory]

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Test Report

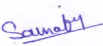
Document OF : 2501
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2303271052 Sample Reg. Date :27-03-2023 Report Date :04-04-2023 Report No. :ICE-2304040188 NABL ULR No. :TC592623000004283F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

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	27-03-2023
n)	Date of Start	27-03-2023
o)	Date of Completion	04-04-2023
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: 24.03.2023


 Saurabh Sharma
 04-04-2023
 Reviewer


 04-04-2023
 PremKumar
 [Authorized Signatory]

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		Sample Reg. Date :27-03-2023	
		Report Date :04-04-2023	
		Report No. :ICE-2304040188	
		NABL ULR No. :TC592623000004283F	
		Customer Ref. No.: Order No.5030010814	
		Letter Dated :21.11.2022	
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	: No
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	Instrument	Method	Specification	Result
Discipline : Chemical					
Group : Pollution & Environment					
1. General Parameters					
a.	Colour	Visual	IS 3025 (Part 4) : 2021	Not Specified	Colourless
b.	Odour.	Organoleptic	IS 3025 (Part 5) : 2018	Not Specified	None
c.	pH Value	pH Meter	IS: 3025 (Part 11): 2017	6.5-9	7.87
d.	Total Suspended Solids,(mg/L)	Gravimetric	IS 3025 (Part 17): 2017	Max. 100	7
e.	Total Dissolved Solids (mg/L)	Gravimetric	IS 3025 (Part 16) : 2017	Not Specified	377

Saurabh Sharma
04-04-2023
Reviewer

04-04-2023
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
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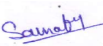
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar			Sample Reg. No. :E01-2303271052 Sample Reg. Date :27-03-2023 Report Date :04-04-2023 Report No. :ICE-2304040188 NABL ULR No. :TC592623000004283F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022		
f.	Chemical Oxygen Demand(mg/L)	COD Reflux Assembly	IS 3025 (Part 58) : 2017	Not Specified	28
g.	Bio-chemical Oxygen Demand, mg/L (3 days at 27°C)	BOD Incubator	IS 3025 (Part 44) : 2019	Max. 30	7
h.	Oil & Grease(mg/L)	Gravimetric	IS 3025 (Part 39) : 2021	Max. 10	<4.0
i.	Free Residual Chlorine (mg/L)	UV-Spectrophotometer	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
 04-04-2023
 Reviewer


 04-04-2023
 PremKumar
 [Authorized Signatory]

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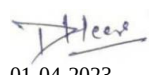
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2303271053 Sample Reg. Date :27-03-2023 Report Date :01-04-2023 Report No. :ICE-2304010032 (1) NABL ULR No. :TC592623000004155F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

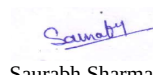
Test Report as per IS:EPA Act 1986/PCLS/2010

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	27-03-2023
n)	Date of Start	27-03-2023
o)	Date of Completion	01-04-2023
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: 24.03.2023


01-04-2023
Deepika Heera
[Authorized Signatory]


Saurabh Sharma
01-04-2023
Reviewer


01-04-2023
PremKumar
[Authorized Signatory]

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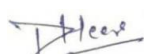
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2303271053
	Sample Reg. Date :27-03-2023
	Report Date :01-04-2023
	Report No. :ICE-2304010032 (1)
	NABL ULR No. :TC592623000004155F
	Customer Ref. No.:Order No.5030010814
	Letter Dated :21.11.2022
s) Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
t) Manufactured By#	NA
u) Supplied By#	NA

PART B : SUPPLEMENTARY INFORMATIONS

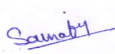
a. Reference to sampling procedure, whenever applicable	: N/A
b. Supporting documents for the measurement taken and results derived like graphs, tables, sketches and / or photographs as appropriate to test reports, if any	: N/A
c. Deviation from the test methods as prescribed in relevant ISS/WORK Instruments,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

Description

Description	Colourless Liquid				
S.No.	Parameters	Instrument	Method	Specification	Result
	Discipline : Chemical				
	Group : Pollution & Environment				
1.	General Parameters				
a.	Nitrate as NO ₃ (mg/L)	UV-Spectrophotometer	IS 3025 (Part 34) : 2019	Max. 10	BLQ(LOQ:1.0)
b.	Calcium(as Ca)(mg/L)	Titration	IS 3025 (Part 40): 2019	Not Specified	57.53
c.	Magnesium as Mg(mg/L)	Calculation	IS: 3025 Part 46): 2019	Not Specified	15.4
d.	Sodium(as Na)(mg/L)	Flame Photometer	IS 3025(Part 45): 2019	Not Specified	10.4
e.	Potassium as K ₁ (mg/L)	Flame Photometer	APHA 23rd Edition-3500K B: 2017	Not Specified	4.2



01-04-2023
Deepika Heera
[Authorized Signatory]



Saurabh Sharma
01-04-2023
Reviewer



01-04-2023
Prem Kumar
[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 OF : 2501
Page 3 of 3

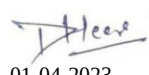
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar			Sample Reg. No. :E01-2303271053 Sample Reg. Date :27-03-2023 Report Date :01-04-2023 Report No. :ICE-2304010032 (1) NABL ULR No. :TC592623000004155F Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022		
	Discipline : Biological				
	Group : Pollution & Environment				
1.	Microbiological Tests				
a.	Faecal Coliform, MPN/100ml	Microbiological	APHA-23 rd Edn 17-9221 F	Max. 1000	920
b.	<i>E.coli</i> , (MPN/100mL)	Microbiological	APHA 23rd Edn 17-9221 E	Not Specified	693
c.	Total Coliform (MPN/100ml)	Microbiological	APHA-23 rd Edn 17-9221 F	Not Specified	900

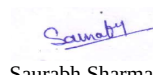
*# represents categories/test parameters not covered under NABL '#' represents Customer Defined Fields

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*****


 01-04-2023
 Deepika Heera
 [Authorized Signatory]


 Saurabh Sharma
 01-04-2023
 Reviewer


 01-04-2023
 PremKumar
 [Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.
 86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)
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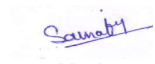
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2303271053 Sample Reg. Date :27-03-2023 Report Date :01-04-2023 Report No. :ICE-2304010032 (2) Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

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	27-03-2023
n)	Date of Start	27-03-2023
o)	Date of Completion	01-04-2023
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: 24.03.2023
s)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)


01-04-2023
Deepika Heera
[Authorized Signatory]


Saurabh Sharma
01-04-2023
Reviewer


01-04-2023
PremKumar
[Authorized Signatory]

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2303271053 Sample Reg. Date :27-03-2023 Report Date :01-04-2023 Report No. :ICE-2304010032 (2) Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

t)	Manufactured By [#]	NA
u)	Supplied By [#]	NA

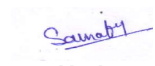
PART B : SUPPLIMENTARY INFORMATIONS

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	Instrument	Method	Specification	Result
	Discipline : Chemical				
	Group : Pollution & Environment				
1.	General Parameters				
a.	Phosphate(as PO ₄), (mg/L)	UV-Spectrophotometer	APHA 23rd Edition 4500 - P D: 2017	Max. 5.0	BLQ(LOQ:0.003)

[#] represents Customer Defined Fields


01-04-2023
Deepika Heera
[Authorized Signatory]


Saurabh Sharma
01-04-2023
Reviewer


01-04-2023
PremKumar
[Authorized Signatory]

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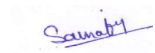
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2303271053 Sample Reg. Date :27-03-2023 Report Date :01-04-2023 Report No. :ICE-2304010032 (2) Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

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*****


01-04-2023
Deepika Heera
[Authorized Signatory]


Saurabh Sharma
01-04-2023
Reviewer


01-04-2023
PremKumar
[Authorized Signatory]

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Test Report

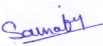
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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2303110343 Sample Reg. Date :11-03-2023 Report Date :18-03-2023 Report No. :ICE-2303181036 NABL ULR No. :TC592623000003236F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

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	11-03-2023
n)	Date of Start	11-03-2023
o)	Date of Completion	17-03-2023
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample Collected by lab rep. on: 10.03.2023


Saurabh Sharma
18-03-2023
Reviewer


18-03-2023
PremKumar
[Authorized Signatory]

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Test Report

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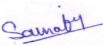
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2303110343 Sample Reg. Date :11-03-2023 Report Date :18-03-2023 Report No. :ICE-2303181036 NABL ULR No. :TC592623000003236F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022
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	Instrument	Method	Specification	Result
	Discipline : Chemical				
	Group : Pollution & Environment				
1.	General Parameters				
a.	Colour	Visual	IS: 3025 (P-4)-2021		Light Greyish
b.	Odour.	Organoleptic	IS: 3025 (P-5)-2018		Mild
c.	pH Value	pH Meter	IS: 3025 (Part 11): 2017		7.82
d.	Total Suspended Solids,(mg/L)	Gravimetric	IS 3025 (Part 17): 2017		67
e.	Total Dissolved Solids (mg/L)	Gravimetric	IS 3025 (Part 16) : 2017	-	510


Saurabh Sharma
18-03-2023
Reviewer


18-03-2023
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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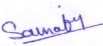
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar			Sample Reg. No. :E01-2303110343 Sample Reg. Date :11-03-2023 Report Date :18-03-2023 Report No. :ICE-2303181036 NABL ULR No. :TC592623000003236F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022		
f.	Chemical Oxygen Demand(mg/L)	COD Reflux Assembly	IS 3025 (Part 58) : 2017		124
g.	Bio-chemical Oxygen Demand, mg/L (3 days at 27°C)	BOD Incubator	IS 3025 (Part 44) : 2019		40
h.	Oil & Grease(mg/L)	Gravimetric	IS 3025 (Part 39) : 2021		4.8
i.	Free Residual Chlorine (mg/L)	Titration	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
 18-03-2023
 Reviewer


 18-03-2023
 PremKumar
 [Authorized Signatory]

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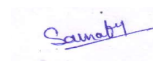
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2303110344 Sample Reg. Date :11-03-2023 Report Date :20-03-2023 Report No. :ICE-2303201132 (1) NABL ULR No. :TC592623000003331F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

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	11-03-2023
n)	Date of Start	11-03-2023
o)	Date of Completion	20-03-2023
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample Collected by lab rep. on: 10.03.2023


20-03-2023
Deepika Heera
[Authorized Signatory]


Saurabh Sharma
20-03-2023
Reviewer


20-03-2023
PremKumar
[Authorized Signatory]

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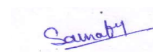
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2303110344 Sample Reg. Date :11-03-2023 Report Date :20-03-2023 Report No. :ICE-2303201132 (1) NABL ULR No. :TC592623000003331F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022
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	Greyish Liquid with suspended & Settleable particles				
S.No.	Parameters	Instrument	Method	Specification	Result
Discipline : Chemical					
Group : Pollution & Environment					
1. General Parameters					
a.	Nitrate as NO ₃ (mg/L)	UV-Spectrophotometer	IS 3025 (Part 34) : 2019		BLQ(LOQ:1.0)
b.	Calcium(as Ca)(mg/L)	Titration	IS 3025 (Part 40): 2019	-	19.83
c.	Magnesium as Mg(mg/L)	Calculation	IS: 3025 Part 46): 2019	-	7.2
d.	Sodium(as Na)(mg/L)	Flame Photometer	IS 3025(Part 45): 2019	-	39.3
e.	Potassium as K ₁ (mg/L)	Flame Photometer	APHA 23rd Edition-3500K B: 2017		15.4


 20-03-2023
 Deepika Heera
 [Authorized Signatory]


 Saurabh Sharma
 20-03-2023
 Reviewer


 20-03-2023
 PremKumar
 [Authorized Signatory]

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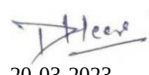
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar			Sample Reg. No. :E01-2303110344 Sample Reg. Date :11-03-2023 Report Date :20-03-2023 Report No. :ICE-2303201132 (1) NABL ULR No. :TC592623000003331F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022		
Discipline : Biological					
Group : Pollution & Environment					
1. Microbiological Tests					
a.	Faecal Coliforms, (MPN/100mL)	Microbiological	APHA-23 rd Edn 17-9221 F		1.8 x 10 ⁶
b.	E.coli, (MPN/100mL)	Microbiological	APHA-23 rd Edn 17-9221 F		1.1x 10 ⁶
c.	Total Coliform (MPN/100ml)	Microbiological	APHA-23 rd Edn 17-9221 F		2.7 x 10 ⁶

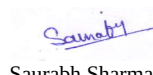
represents categories/test parameters not covered under NABL '#' represents Customer Defined Fields

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*****


 20-03-2023
 Deepika Heera
 [Authorized Signatory]


 Saurabh Sharma
 20-03-2023
 Reviewer


 20-03-2023
 PremKumar
 [Authorized Signatory]

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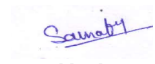
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2303110344 Sample Reg. Date :11-03-2023 Report Date :20-03-2023 Report No. :ICE-2303201132 (2) Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

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	11-03-2023
n)	Date of Start	11-03-2023
o)	Date of Completion	20-03-2023
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample Collected by lab rep. on: 10.03.2023
s)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)


20-03-2023
Deepika Heera
[Authorized Signatory]


Saurabh Sharma
20-03-2023
Reviewer


20-03-2023
PremKumar
[Authorized Signatory]

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2303110344 Sample Reg. Date :11-03-2023 Report Date :20-03-2023 Report No. :ICE-2303201132 (2) Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

t)	Manufactured By [#]	NA
u)	Supplied By [#]	NA

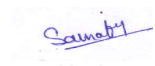
PART B : SUPPLIMENTARY INFORMATIONS

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		Greyish Liquid with suspended & Settleable particles			
S.No.	Parameters	Instrument	Method	Specification	Result
	Discipline : Chemical				
	Group : Pollution & Environment				
1.	General Parameters				
a.	Phosphate as PO ₄ (mg/L)	UV-Spectrophotometer	APHA 23rd Edition 4500 - P D: 2017		3.6

[#] represents Customer Defined Fields


20-03-2023
Deepika Heera
[Authorized Signatory]


Saurabh Sharma
20-03-2023
Reviewer


20-03-2023
Prem Kumar
[Authorized Signatory]

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Page 3 of 3

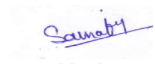
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2303110344 Sample Reg. Date :11-03-2023 Report Date :20-03-2023 Report No. :ICE-2303201132 (2) Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

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*****


20-03-2023
Deepika Heera
[Authorized Signatory]


Saurabh Sharma
20-03-2023
Reviewer


20-03-2023
PremKumar
[Authorized Signatory]

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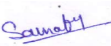
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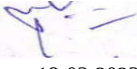
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2303110345 Sample Reg. Date :11-03-2023 Report Date :18-03-2023 Report No. :ICE-2303181101 NABL ULR No. :TC592623000003307F Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

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	11-03-2023
n)	Date of Start	11-03-2023
o)	Date of Completion	18-03-2023
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample Collected by lab rep. on: 10.03.2023


Saurabh Sharma
18-03-2023
Reviewer


18-03-2023
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. :E01-2303110345 Sample Reg. Date :11-03-2023 Report Date :18-03-2023 Report No. :ICE-2303181101 NABL ULR No. :TC592623000003307F Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

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	8.34
d.	Total Suspended Solids,(mg/L)	IS 3025 (Part 17): 2017	Max. 100	15
e.	Total Dissolved Solids (mg/L)	IS 3025 (Part 16) : 2017	Not Specified	1267
f.	Chemical Oxygen Demand(mg/L)	IS 3025 (Part 58) : 2017	Not Specified	88
g.	Bio-chemical Oxygen Demand, mg/L (3 days at 27°C)	IS 3025 (Part 44) : 2019	Max. 30	20
h.	Oil & Grease(mg/L)	IS 3025 (Part 39) : 2021	Max. 10	<4.0

Saurabh Sharma
Saurabh Sharma
18-03-2023
Reviewer

PremKumar
18-03-2023
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. :E01-2303110345 Sample Reg. Date :11-03-2023 Report Date :18-03-2023 Report No. :ICE-2303181101 NABL ULR No. :TC592623000003307F Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

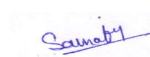
i.	Free Residual Chlorine (mg/L)	IS: 3025 (Part 26)-2021	Max. 1.0	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

NOTE : NA- Not Applicable, Requirements as per EPA Act 1986/PCLS/2010, Sampling Procedure - SOP/ITC/EW/030

REMARKS :N/A

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


Saurabh Sharma
18-03-2023
Reviewer


18-03-2023
PremKumar
[Authorized Signatory]

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Test Report

Document OF : 2501
Page 1 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2303110346 Sample Reg. Date :11-03-2023 Report Date :20-03-2023 Report No. :ICE-2303201131 (1) NABL ULR No. :TC592623000003335F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022

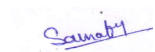
Test Report as per IS:EPA Act 1986/PCLS/2010

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	11-03-2023
n)	Date of Start	11-03-2023
o)	Date of Completion	20-03-2023
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample Collected by lab rep. on: 10.03.2023


 20-03-2023
Deepika Heera
 [Authorized Signatory]


 Saurabh Sharma
 20-03-2023
 Reviewer


 20-03-2023
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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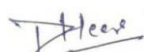
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar		Sample Reg. No. :E01-2303110346 Sample Reg. Date :11-03-2023 Report Date :20-03-2023 Report No. :ICE-2303201131 (1) NABL ULR No. :TC592623000003335F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022
s)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
t)	Manufactured By [#]	NA
u)	Supplied By [#]	NA

PART B : SUPPLIMENTARY INFORMATIONS

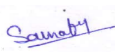
a.	Reference to sampling procedure, whenever applicable	: N/A
b.	Supporting documents for the measurement taken and results derived like graphs, tables, sketches and / or photographs as appropriate to test reports, if any	: N/A
c.	Deviation from the test methods as prescribed in relevant ISS/WORK Instruments,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

Description

Description	Turbid 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	96.64
c.	Magnesium as Mg(mg/L)	IS: 3025 Part 46): 2019	Not Specified	45
d.	Sodium(as Na)(mg/L)	IS 3025(Part 45): 2019	Not Specified	26.4
e.	Potassium as K,(mg/L)	APHA 23rd Edition-3500K B: 2017	Not Specified	11.2
Discipline : Biological				
Group : Pollution & Environment				



20-03-2023
Deepika Heera
[Authorized Signatory]



Saurabh Sharma
20-03-2023
Reviewer



20-03-2023
PremKumar
[Authorized Signatory]

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Test Report

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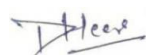
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar		Sample Reg. No. :E01-2303110346 Sample Reg. Date :11-03-2023 Report Date :20-03-2023 Report No. :ICE-2303201131 (1) NABL ULR No. :TC592623000003335F Customer Ref. No. :Order No.5030010814 Letter Dated :21.11.2022		
1.	Microbiological Tests			
a.	Faecal Coliform, MPN/100ml	APHA-23 rd Edn 17-9221 F	Max. 1000	809
b.	<i>E.coli</i> , (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	920

'*' represents categories/test parameters not covered under NABL '#' represents Customer Defined Fields

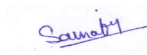
NOTE : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per EPA Act 1986/PCLS/2010, Sampling Procedure : SOP/ITC/EW/030, Purpose-For Self Monitoring

REMARKS :N/A

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



20-03-2023
Deepika Heera
 [Authorized Signatory]



Saurabh Sharma
 20-03-2023
 Reviewer



20-03-2023
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. :E01-2303110346 Sample Reg. Date :11-03-2023 Report Date :20-03-2023 Report No. :ICE-2303201131 (2) Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

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	11-03-2023
n)	Date of Start	11-03-2023
o)	Date of Completion	20-03-2023
p)	Seal (Intact/Not Intact/Unsealed)	NA
q)	IO'S Signature (Signed/Unsigned)	Unsigned
r)	Any Other Information	Sample Collected by lab rep. on: 10.03.2023
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	Turbid Liquid

Test Report

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Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2303110346 Sample Reg. Date :11-03-2023 Report Date :20-03-2023 Report No. :ICE-2303201131 (2) Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Pollution & Environment			
1.	General Parameters			
a.	Phosphate(as PO ₄),(mg/L)	APHA 23rd Edition 4500 - P D: 2017	Max. 5.0	0.27

'#' 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*******

Test Report

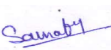
Document QF : 2501

Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2303150519 Sample Reg. Date :15-03-2023 Report Date :18-03-2023 Report No. :ICE-2303181038 NABL ULR No. :TC592623000003237F Customer Ref. No.: Order No.5030010814 Letter Dated :21.11.2022

Test Report as per :	: EPA Act 1986/PCLS/2010
Sampling Information :	
Name of Sample	: Ambient Noise
Date of Monitoring	: 10-03-2023
Time of Monitoring	: 13:00 hrs
Nature of Industry	: Thermal Power Plant
Purpose of Monitoring	: For Self Monitoring

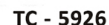
Description					
Description	Noise Monitoring				
S.No.	Parameters	Instrument	Method	Specification	Result
	Discipline : Chemical				
	Group : Atmospheric Pollution				
1.	Location Name				
a.	Near Gate No.1 (Day Time), Leq dB (A)	Noise Meter	IS:9989(RA 2014)	Max. 75.0	55.1
b.	Near Gate No.1 (Night Time), Leq dB (A)	Noise Meter	IS:9989(RA 2014)	Max. 70.0	50.4
c.	Near Gate No.2 (Day Time), Leq dB (A)	Noise Meter	IS:9989(RA 2014)	Max. 75.0	56.0
d.	Near Gate No.2 (Night Time), Leq dB (A)	Noise Meter	IS:9989(RA 2014)	Max. 70.0	50.9
e.	Near Gate No.3 (Day Time), Leq dB (A)	Noise Meter	IS:9989(RA 2014)	Max. 75.0	53.1
f.	Near Gate No.3 (Night Time), Leq dB (A)	Noise Meter	IS:9989(RA 2014)	Max. 70.0	50.7
g.	Near Guest House (Day Time), Leq dB (A)	Noise Meter	IS:9989(RA 2014)	Max. 75.0	53.1
h.	Near Guest House (Night Time), Leq dB (A)	Noise Meter	IS:9989(RA 2014)	Max. 70.0	50.1


Saurabh Sharma
18-03-2023
Reviewer


18-03-2023
PremKumar
[Authorized Signatory]

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Test Report

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	Sample Reg. Date :15-03-2023
	Report Date :18-03-2023
	Report No. :ICE-2303181038
	NABL ULR No. :TC592623000003237F
	Customer Ref. No.: Order No.5030010814
	Letter Dated :21.11.2022

'#' represents Customer Defined Fields

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

REMARKS :N/A

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

Saurabh Sharma
18-03-2023
Reviewer

18-03-2023
PremKumar
[Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.

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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 Acrilyc 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.

Dinesh
Kumar Yadav

Digitally signed by
Dinesh Kumar Yadav
Date: 2021.07.22
11:29:10 +05'30'

Regional Officer, Bahadurgarh

Haryana State Pollution Control Board.

HARYANA STATE





Haryana State Pollution Control Board

SCF No. 42 & 43, Shopping Centre, Sector-6, Huda, Bahadurgarh Ph. 01276-243077 (O) Email:- hspcbrobdh@gmail.com


No. :HWM/JHA/2021/12660122
DT: 27/07/2021

To

M/s Jhajjar Power Limited
Village - Khanpur, Tehsil-Matenhail
Jhajjar

Sub: Grant of Authorization under Hazardous and Other Wastes(Management & Transboundry Movement) Rules, 2016

- Reference of application:12660122 dated: 27/07/2021
- 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 Change or Central Pollution Control Board from time to time.
9. Annual return shall be filed by June 30th for the period ending 31st March of the year.

Dinesh

Regional Officer, Bahadurgarh

For Haryana State Pollution Control Board

Digitally signed by Dinesh
Kumar Yadav
Date: 2021.07.27 12:45:19

HARYANA STATE