

Our Ref : JPL/MoEF&CC/ENV/011705
Date : November 30, 2021

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

Subject: Compliance report to Environment Clearance of 1320 MW coal based thermal power plant by Jhajjar Power Ltd. at Jhajjar, Haryana

Ref: EC letter to HPGCL vide-J-13011/10/2008-IA. II (T) awarded on 24th April, 2008 & to JPL on Dated 25 November 2009 (Annexure -I)
FGD installation letter Dated 11 August 2010 (Annexure-II)

Dear Sir,

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

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

Thanking you,
Yours faithfully
For **Jhajjar Power Limited**


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

Enclosure:

Annexure- I, II, III, IV and V

Copy to:

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

 **Jhajjar Power Limited** (An Aprava Energy Group Company)

Corporate Office:
7th Floor, Fulcrum, Sahar Road,
Andheri (East), Mumbai 400 099
T: +91 22 6758 8888
F: +91 22 6758 8811/8833
W: www.clpgroup.com, www.clpindia.in

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

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

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,

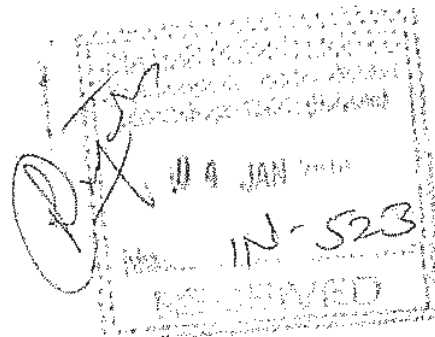

(W. Bharat Singh)
Deputy Director

✓ 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. MGTPP is taking all efforts to maintain the SO₂ within prescribed limit of 200 mg/Nm³ and continuous data is transferred to CPCB and HSPCB through Online Continuous Emission Monitoring System. Flue Gas Desulphurization unit is operational since February 2019.

We are taking all efforts to maintain the Sulphur content within prescribed limits. however there is variation owing to domestic coal. MGTPP has taken all efforts to limit ash content of the coal used to be less than 34% and achieved the stipulated limit. Owing to domestic coal having higher ash content is being supplied from Govt. coal companies, ash content has exceeded the limits. Nonetheless, MGTPP has controlled SPM emissions within limits and ash utilization as per stipulated targets to take care of any environmental impacts. Constant efforts are being made to pursue coal companies to contain ash content of coal dispatched to us within the stipulated limit. Actual figures of ash content have been communicated to HSPCB on quarterly basis (Refer Annexure IV).

- (iii) A bi-flue stack of 275 m height shall be provided with continuous online monitoring equipment for 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. FGD is in operation to prevent SO₂ emission which further reduces dust emission from flue gas.

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

Response: Complied. The clause (V) under para 3 substituted by MoEF by office order on dated 11 Aug 2010. FGD has already been installed. At JPL, Flue Gas Desulphurization (FGD) is installed to control the Sulphur Di-oxide emission to atmosphere. New environment norms pertaining to 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 NO_x burner shall be provided.

Response: Complied. Low NO_x burner and Separated Over-Fire Air (SOFA) system has been installed to control NO_x from the flue gas emission. A third-party M/s Fortum was engaged for combustion optimization study and their recommended measures have helped to further reduce NO_x. Presently, JPL is complying with the new NO_x emission limit of 450 mg/Nm³.

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

Response: Complied. Dry Fogging and Water spray systems for dust suppression system in coal handling areas such as conveyors, wagon tipplers, stacker- reclaimer etc have been installed.. Dust extraction system in bunkers and pre-wetting system of wagon tippler have been installed to prevent fugitive dust generation. Also, sprinkling line have been laid all around coal yard for dust suppression. A combination of ESPs and bag filters has been installed for efficient dust extraction. In ash handling area. Also, mobile water tankers and sprinklers have been deployed for fugitive dust suppression purpose. HDPE Pipeline of 1800 m with Sprinkler arrangement has been laid in and around the ash disposal site for dust suppression.

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

Response:

Complied.

Ash Silos have been provided to store & dispense dry ash. Ash utilization has been ensured. Unutilized ash in conditioned form is disposed-off in ash disposal site. The ash utilization is regularly reported to CPCB and HSPCB. JPL has achieved 100% Fly Ash Utilization in FY 2020-21

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

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

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

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

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

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

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

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

Response: Complied. The plant is designed & being operated for zero discharge of effluent; hence there is no discharge of effluent outside the plant boundary. Provision has been made for separating the storm water from effluents. An ETP of capacity (100 m³/hr) has been constructed & operated for treatment of plant effluents. Treated effluent is being reused within the plant premises for, dust suppression, horticulture etc.

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

Response: Complied. Two Sewage Treatment Plants, one in township (200 m³/day) and one in plant (240 m³/day) are in operation for treating the sewage generated from township and plant respectively. Treated effluent from sewage treatment plants is being suitably reused for horticulture purpose, dust suppression etc.

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

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

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

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

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

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

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

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

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

Response: Complied. Greenbelt of adequate width & density has been developed and native species have been planted for better survival. In this respect, a third party surveyor was engaged to carry out survey in our plant to estimate the area covered under green belt. As per the Green belt survey done in March'2016, 149.73 ha (14, 97,333 sq. m) area has been developed under green belt zone. Further, around 82,335 samplings were planted till date. Effort to augment the green cover further is ongoing.

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

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

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

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

- (xx) Regular monitoring of ground level concentration of 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 have been submitted to all concerned authorities.

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

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

- (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
	28,73,24,295	FGD – CAPEX and OPEX

FY 20-21	2,46,68,523	Ash dyke management and Ash disposal, Dust suppression measures, Horticulture
	14,31,92,494	SPM Reduction, Waste Management , Wastewater treatment, Environment Monitoring , ESP and FF Operation and Maintenance cost
Total Cost (INR)	888,38,09,837 (INR 888.38 Crores)	

Year Wise Break Up of Horticulture Expenditure	
Year	Cost(INR)
FY 2009-2010	2,45,426
FY 2010-2011	4,05,661
FY 2011-2012	4,09,720
FY 2012-2013	2,26,00,379
FY 2013-2014	1,67,56,637
FY 2014-2015	1,43,71,391
FY 2015-2016	44,42,996
FY 2016-2017	19,38,000
FY 2017-2018	1,05,30,000
FY 2018-2019	1,10,45,000
FY 2019-2020	1,26,00,000
FY 2020-2021	1,38,00,000
Total	10,91,45,210

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

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

Response: Complied.

- Date of start of land development: Oct 2008
- Financial Closure: 17th September 2009
- Date of Commissioning of the plant:

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

Unit 2 has been commissioned on 19th July'2012.

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

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

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

Response: Complied. The status of compliance is being uploaded at regular interval on the company website. https://www.clpindia.in/operations_jhajjar.html 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.clpindia.in/operations_jhajjar.html. 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/011441
Date : July 13, 2021

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/2816117JHACTO3583644 Dated:27/03/2017

Dear Sir,

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

Monitoring Reports of Air, Water& Noise of April 2021 - **Annexure I**
Monitoring Reports of Air, Water& Noise of May 2021 - **Annexure II**
Monitoring Reports of Air, Water& Noise of June 2021 - **Annexure III**

Quarterly Average Ash content in coal is provided in **Annexure IV**

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

Thanking you.

Yours faithfully,
For **Jhajjar Power Limited**


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

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

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

Annexure-I

Test Report

Document QF : 2501
Page 1 of 2

Issued To	Sample Reg. No. :E01-2104120287
Jhajjar Power Limited	Sample Reg. Date :12-04-2021
Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar	Report Date :17-04-2021
Jhajjar	Report No. :ICE-2104170495
	NABL ULR No. :TC592621000003826F
	Customer Ref. No. :PO
	Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Guest House
Date of Monitoring	: 05-04-2021
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	: 1808.30
Avg. Ambient Temperature, °C	: 32

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	8.09
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	10.51
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	84.33
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	42.09
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ (LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ : 0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	BLQ (LOQ:1.0)
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)
i.	Benzene (C ₆ H ₆), µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)

Saurabh Sharma
17-04-2021
Reviewer

17-04-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2104120287 Sample Reg. Date :12-04-2021 Report Date :17-04-2021 Report No. :ICE-2104170495 NABL ULR No. :TC592621000003826F Customer Ref. No.: PO Letter Dated :29.10.2020

j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ : 1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ : 1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
17-04-2021
Reviewer


17-04-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2104120288 Sample Reg. Date :12-04-2021 Report Date :17-04-2021 Report No. :ICE-2104170496 NABL ULR No. :TC592621000003827F Customer Ref. No. :PO Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information : Location of Sampling Point Date of Monitoring Purpose of Monitoring Duration of Monitoring, minutes Avg. Flow Rate of Sampling, m ³ /min Volume of air sampled, m ³ Avg. Ambient Temperature, °C	: Near Gate No. 3 : 05-04-2021 : For Self Monitoring : 1440 : 1.33 : 1822.00 : 32

Description				
Description	Ambient Air Quality Monitoring			
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Atmospheric Pollution				
1. Ambient Air Quality Parameters				
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	15.38
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	21.59
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	96.10
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	55.13
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ (LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ : 0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	1.1
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)
i.	Benzene (C ₆ H ₆), µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)

Saurabh
Saurabh Sharma
17-04-2021
Reviewer

PremKumar
17-04-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2104120288 Sample Reg. Date :12-04-2021 Report Date :17-04-2021 Report No. :ICE-2104170496 NABL ULR No. :TC592621000003827F Customer Ref. No.: PO Letter Dated :29.10.2020

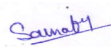
j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ : 1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ : 1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
17-04-2021
Reviewer


17-04-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 1 of 2

Issued To	Sample Reg. No. :E01-2104120289
Jhajjar Power Limited	Sample Reg. Date :12-04-2021
Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar	Report Date :17-04-2021
Jhajjar	Report No. :ICE-2104170497
	NABL ULR No. :TC592621000003829F
	Customer Ref. No. :PO
	Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Village- Khanpur
Date of Monitoring	: 05-04-2021
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.34
Volume of air sampled, m ³	: 1841.74
Avg. Ambient Temperature, °C	: 31

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	15.72
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	24.17
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	93.88
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	52.61
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ (LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ : 0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	1.2
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)
i.	Benzene (C ₆ H ₆), µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)

Saurabh Sharma
17-04-2021
Reviewer

17-04-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2104120289 Sample Reg. Date :12-04-2021 Report Date :17-04-2021 Report No. :ICE-2104170497 NABL ULR No. :TC592621000003829F Customer Ref. No.: PO Letter Dated :29.10.2020

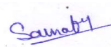
j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ : 1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ : 1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
17-04-2021
Reviewer


17-04-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

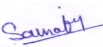
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2104120290 Sample Reg. Date :12-04-2021 Report Date :17-04-2021 Report No. :ICE-2104170498 NABL ULR No. :TC592621000003828F Customer Ref. No. :PO Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Shakti Vihar
Date of Monitoring	: 05-04-2021
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	: 1822.00
Avg. Ambient Temperature, °C	: 32

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	10.12
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	14.30
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	86.44
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	43.35
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ (LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ : 0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	BLQ (LOQ:1.0)
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)
i.	Benzene (C ₆ H ₆), µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)


Saurabh Sharma
17-04-2021
Reviewer


17-04-2021
Prem Kumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2104120290 Sample Reg. Date :12-04-2021 Report Date :17-04-2021 Report No. :ICE-2104170498 NABL ULR No. :TC592621000003828F Customer Ref. No.: PO Letter Dated :29.10.2020

j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ : 1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ : 1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
17-04-2021
Reviewer


17-04-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2104120291 Sample Reg. Date :12-04-2021 Report Date :17-04-2021 Report No. :ICE-2104170499 NABL ULR No. :TC592621000003830F Customer Ref. No. :PO Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information : Location of Sampling Point Date of Monitoring Purpose of Monitoring Duration of Monitoring, minutes Avg. Flow Rate of Sampling, m ³ /min Volume of air sampled, m ³ Avg. Ambient Temperature, °C	: Near Guest House : 08-04-2021 : For Self Monitoring : 1440 : 1.33 : 1822.00 : 32

Description				
Description	Ambient Air Quality Monitoring			
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Atmospheric Pollution				
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	8.90
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	13.32
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	85.67
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	42.93
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ (LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ : 0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	BLQ (LOQ:1.0)
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)
i.	Benzene (C ₆ H ₆), µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)

Saurabh
Saurabh Sharma
17-04-2021
Reviewer

PremKumar
17-04-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2104120291 Sample Reg. Date :12-04-2021 Report Date :17-04-2021 Report No. :ICE-2104170499 NABL ULR No. :TC592621000003830F Customer Ref. No.: PO Letter Dated :29.10.2020

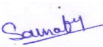
j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ : 1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ : 1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
17-04-2021
Reviewer


17-04-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 1 of 2

Issued To	Sample Reg. No. :E01-2104120292
Jhajjar Power Limited	Sample Reg. Date :12-04-2021
Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar	Report Date :17-04-2021
Jhajjar	Report No. :ICE-2104170500
	NABL ULR No. :TC592621000003833F
	Customer Ref. No. :PO
	Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Gate No. 3
Date of Monitoring	: 08-04-2021
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	: 1800.51
Avg. Ambient Temperature, °C	: 31

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	18.14
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	26.68
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	93.25
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	51.77
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ (LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ : 0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	1.3
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)
i.	Benzene (C ₆ H ₆), µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)

Saurabh Sharma
17-04-2021
Reviewer

17-04-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2104120292 Sample Reg. Date :12-04-2021 Report Date :17-04-2021 Report No. :ICE-2104170500 NABL ULR No. :TC592621000003833F Customer Ref. No.: PO Letter Dated :29.10.2020

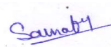
j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ : 1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ : 1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
17-04-2021
Reviewer


17-04-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

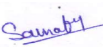
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2104120293 Sample Reg. Date :12-04-2021 Report Date :17-04-2021 Report No. :ICE-2104170501 NABL ULR No. :TC592621000003831F Customer Ref. No. :PO Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information : Location of Sampling Point Date of Monitoring Purpose of Monitoring Duration of Monitoring, minutes Avg. Flow Rate of Sampling, m ³ /min Volume of air sampled, m ³ Avg. Ambient Temperature, °C	: Village- Khapur : 08-04-2021 : For Self Monitoring : 1440 : 1.33 : 1816.05 : 33

Description				
Description	Ambient Air Quality Monitoring			
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Atmospheric Pollution				
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	13.81
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	20.68
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	97.90
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	57.24
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ (LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ : 0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	1.2
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)
i.	Benzene (C ₆ H ₆), µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)


Saurabh Sharma
17-04-2021
Reviewer


17-04-2021
Prem Kumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2104120293 Sample Reg. Date :12-04-2021 Report Date :17-04-2021 Report No. :ICE-2104170501 NABL ULR No. :TC592621000003831F Customer Ref. No.: PO Letter Dated :29.10.2020

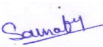
j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ : 1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ : 1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
17-04-2021
Reviewer


17-04-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

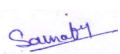
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2104120294 Sample Reg. Date :12-04-2021 Report Date :17-04-2021 Report No. :ICE-2104170502 NABL ULR No. :TC592621000003832F Customer Ref. No. :PO Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information : Location of Sampling Point Date of Monitoring Purpose of Monitoring Duration of Monitoring, minutes Avg. Flow Rate of Sampling, m ³ /min Volume of air sampled, m ³ Avg. Ambient Temperature, °C	: Near Shakti Vihar : 08-04-2021 : For Self Monitoring : 1440 : 1.32 : 1808.30 : 32

Description				
Description	Ambient Air Quality Monitoring			
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	6.07
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	9.22
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	81.12
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	39.14
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ (LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ : 0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	BLQ (LOQ:1.0)
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)
i.	Benzene (C ₆ H ₆), µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)


Saurabh Sharma
17-04-2021
Reviewer


17-04-2021
Prem Kumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2104120294 Sample Reg. Date :12-04-2021 Report Date :17-04-2021 Report No. :ICE-2104170502 NABL ULR No. :TC592621000003832F Customer Ref. No.: PO Letter Dated :29.10.2020

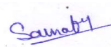
j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ : 1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ : 1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
17-04-2021
Reviewer


17-04-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2104220564 Sample Reg. Date :22-04-2021 Report Date :29-04-2021 Report No. :ICE-2104290759 NABL ULR No. :TC592621000004157F Customer Ref. No. :PO Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Guest House
Date of Monitoring	: 12-04-2021
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	: 1822.00
Avg. Ambient Temperature, °C	: 32

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	10.12
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	13.88
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	84.03
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	42.51
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ (LOQ:14.0)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	BLQ (LOQ:1.0)
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)
i.	Benzene (C ₆ H ₆), µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)

Saurabh Sharma
29-04-2021
Reviewer

29-04-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2104220564 Sample Reg. Date :22-04-2021 Report Date :29-04-2021 Report No. :ICE-2104290759 NABL ULR No. :TC592621000004157F Customer Ref. No.: PO Letter Dated :29.10.2020

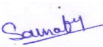
j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
29-04-2021
Reviewer


29-04-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

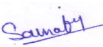
Test Report

Document QF : 2501
Page 1 of 2

Issued To	Sample Reg. No. :E01-2104220565
Jhajjar Power Limited	Sample Reg. Date :22-04-2021
Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar	Report Date :29-04-2021
Jhajjar	Report No. :ICE-2104290760
	NABL ULR No. :TC592621000004152F
	Customer Ref. No. :PO
	Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Gate No. 3
Date of Monitoring	: 12-04-2021
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	: 1822.00
Avg. Ambient Temperature, °C	: 32

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	17.81
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	27.06
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	95.61
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	56.40
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ (LOQ:14.0)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	1.3
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)
i.	Benzene (C ₆ H ₆), µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)


Saurabh Sharma
29-04-2021
Reviewer


29-04-2021
Prem Kumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2104220565 Sample Reg. Date :22-04-2021 Report Date :29-04-2021 Report No. :ICE-2104290760 NABL ULR No. :TC592621000004152F Customer Ref. No.: PO Letter Dated :29.10.2020

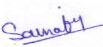
j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
29-04-2021
Reviewer


29-04-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 1 of 2

Issued To	Sample Reg. No. :E01-2104220566
Jhajjar Power Limited	Sample Reg. Date :22-04-2021
Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar	Report Date :29-04-2021
Jhajjar	Report No. :ICE-2104290761
	NABL ULR No. :TC592621000004158F
	Customer Ref. No. :PO
	Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Village Khanpur
Date of Monitoring	: 12-04-2021
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	: 1808.30
Avg. Ambient Temperature, °C	: 32

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	16.19
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	24.82
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	97.77
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	55.13
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ (LOQ:14.0)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	1.2
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)
i.	Benzene (C ₆ H ₆), µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)

Saurabh Sharma
29-04-2021
Reviewer

29-04-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2104220566 Sample Reg. Date :22-04-2021 Report Date :29-04-2021 Report No. :ICE-2104290761 NABL ULR No. :TC592621000004158F Customer Ref. No.: PO Letter Dated :29.10.2020

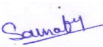
j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
29-04-2021
Reviewer


29-04-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

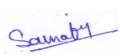
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2104220567 Sample Reg. Date :22-04-2021 Report Date :29-04-2021 Report No. :ICE-2104290762 NABL ULR No. :TC592621000004161F Customer Ref. No. :PO Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information : Location of Sampling Point Date of Monitoring Purpose of Monitoring Duration of Monitoring, minutes Avg. Flow Rate of Sampling, m ³ /min Volume of air sampled, m ³ Avg. Ambient Temperature, °C	: Near Shakti Vihar : 12-04-2021 : For Self Monitoring : 1440 : 1.32 : 1802.39 : 32

Description				
Description	Ambient Air Quality Monitoring			
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Atmospheric Pollution				
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	6.50
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	10.98
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	81.84
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	40.40
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ (LOQ:14.0)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	BLQ (LOQ:1.0)
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)
i.	Benzene (C ₆ H ₆), µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)


Saurabh Sharma
29-04-2021
Reviewer


29-04-2021
Prem Kumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2104220567 Sample Reg. Date :22-04-2021 Report Date :29-04-2021 Report No. :ICE-2104290762 NABL ULR No. :TC592621000004161F Customer Ref. No.: PO Letter Dated :29.10.2020

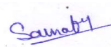
j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
29-04-2021
Reviewer


29-04-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2104220568 Sample Reg. Date :22-04-2021 Report Date :29-04-2021 Report No. :ICE-2104290763 NABL ULR No. :TC592621000004159F Customer Ref. No.: PO Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information : Location of Sampling Point Date of Monitoring Purpose of Monitoring Duration of Monitoring, minutes Avg. Flow Rate of Sampling, m ³ /min Volume of air sampled, m ³ Avg. Ambient Temperature, °C	: Near Guest House : 15-04-2021 : For Self Monitoring : 1440 : 1.33 : 1808.30 : 32

Description				
Description	Ambient Air Quality Monitoring			
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Atmospheric Pollution				
1. Ambient Air Quality Parameters				
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	4.86
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	8.97
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	74.77
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	36.20
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ (LOQ:14.0)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	BLQ (LOQ:1.0)
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)
i.	Benzene (C ₆ H ₆), µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)

Saurabh Sharma
29-04-2021
Reviewer

29-04-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2104220568 Sample Reg. Date :22-04-2021 Report Date :29-04-2021 Report No. :ICE-2104290763 NABL ULR No. :TC592621000004159F Customer Ref. No.: PO Letter Dated :29.10.2020

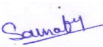
j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
29-04-2021
Reviewer


29-04-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2104220569 Sample Reg. Date :22-04-2021 Report Date :20-05-2021 Report No. :ICE-2105200300 NABL ULR No. :TC592621000004691F Customer Ref. No.: PO Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information : Location of Sampling Point Date of Monitoring Purpose of Monitoring Duration of Monitoring, minutes Avg. Flow Rate of Sampling, m3/min Volume of air sampled, m3 Avg. Ambient Temperature, °C	: Near Gate No. 3 : 15-04-2021 : For Self Monitoring : 1440 : 1.33 : 1816.05 : 32

Description				
Description	Ambient Air Quality Monitoring			
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Atmospheric Pollution				
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	12.18
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	18.15
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	93.99
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	50.08
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ (LOQ:14.0)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	1.2
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)
i.	Benzene (C ₆ H ₆), µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)

V Saini
Vikrant
20-05-2021
Reviewer

PremKumar
20-05-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2104220569 Sample Reg. Date :22-04-2021 Report Date :20-05-2021 Report No. :ICE-2105200300 NABL ULR No. :TC592621000004691F Customer Ref. No.: PO Letter Dated :29.10.2020

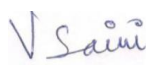
j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Vikrant
20-05-2021
Reviewer


20-05-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2104220570 Sample Reg. Date :22-04-2021 Report Date :29-04-2021 Report No. :ICE-2104290764 NABL ULR No. :TC592621000004162F Customer Ref. No.: PO Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Village Khanpur
Date of Monitoring	: 15-04-2021
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	: 1802.39
Avg. Ambient Temperature, °C	: 32

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	17.86
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	27.15
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	96.76
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	57.66
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ (LOQ:14.0)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	1.1
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)
i.	Benzene (C ₆ H ₆), µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)

Saurabh Sharma
29-04-2021
Reviewer

29-04-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2104220570 Sample Reg. Date :22-04-2021 Report Date :29-04-2021 Report No. :ICE-2104290764 NABL ULR No. :TC592621000004162F Customer Ref. No.: PO Letter Dated :29.10.2020

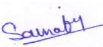
j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
29-04-2021
Reviewer


29-04-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2104220571 Sample Reg. Date :22-04-2021 Report Date :29-04-2021 Report No. :ICE-2104290767 NABL ULR No. :TC592621000004164F Customer Ref. No.: PO Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Shakti Vihar
Date of Monitoring	: 15-04-2021
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.33
Volume of air sampled, m ³	: 1816.05
Avg. Ambient Temperature, °C	: 32

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	6.09
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	8.97
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	82.93
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	34.51
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ (LOQ:14.0)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	BLQ (LOQ:1.0)
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)
i.	Benzene (C ₆ H ₆), µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)

Saurabh Sharma
29-04-2021
Reviewer

29-04-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2104220571 Sample Reg. Date :22-04-2021 Report Date :29-04-2021 Report No. :ICE-2104290767 NABL ULR No. :TC592621000004164F Customer Ref. No.: PO Letter Dated :29.10.2020

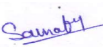
j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
29-04-2021
Reviewer


29-04-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 1 of 2

Issued To	Sample Reg. No. :E01-2105010004
Jhajjar Power Limited	Sample Reg. Date :01-05-2021
Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar	Report Date :24-05-2021
Jhajjar	Report No. :ICE-2105240369
	NABL ULR No. :TC592621000004778F
	Customer Ref. No. :PO
	Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Guest House
Date of Monitoring	: 19-04-2021
Purpose of Monitoring	: For Self Monitorig
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.34
Volume of air sampled,m3	: 1823.74
Avg. Ambient Temperature,°C	: 34

Description				
Description		Ambient air quality monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂),µg/m ³	IS:5182(P-2)	80 Max	6.57
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS:5182(P-6)	80 Max	11.38
c.	Particulate Matter (PM ₁₀),µg/m ³	IS:5182(P-23)	100 Max	84.00
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW-01	60 Max	40.82
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	BLQ(LOQ:14)
f.	Lead(As Pb),µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ (LOQ 0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	BLQ (LOQ:1.0)
h.	Ammonia(NH ₃),µg/m ³	Method of Air Sampling &Analysis(Method No. 401)	400 Max	BLQ(LOQ:5.0)
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)

Saurabh Sharma
24-05-2021
Reviewer

24-05-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis,it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2105010004 Sample Reg. Date :01-05-2021 Report Date :24-05-2021 Report No. :ICE-2105240369 NABL ULR No. :TC592621000004778F Customer Ref. No.: PO Letter Dated :29.10.2020

j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ (LOQ 1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ (LOQ 1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
24-05-2021
Reviewer


24-05-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

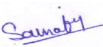
Test Report

Document QF : 2501
Page 1 of 2

Issued To	Sample Reg. No. :E01-2105010005
Jhajjar Power Limited	Sample Reg. Date :01-05-2021
Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar	Report Date :24-05-2021
Jhajjar	Report No. :ICE-2105240372
	NABL ULR No. :TC592621000004796F
	Customer Ref. No. :PO
	Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Gate No-3
Date of Monitoring	: 19-04-2021
Purpose of Monitoring	: For Self Monitorig
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.33
Volume of air sampled,m3	: 1834.03
Avg. Ambient Temperature,°C	: 33

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂),µg/m ³	IS:5182(P-2)	80 Max	13.96
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS:5182(P-6)	80 Max	28.88
c.	Particulate Matter (PM ₁₀),µg/m ³	IS:5182(P-23)	100 Max	95.90
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW-01	60 Max	56.82
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	BLQ(LOQ:14)
f.	Lead(As Pb),µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ (LOQ 0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	1.2
h.	Ammonia(NH ₃),µg/m ³	Method of Air Sampling &Analysis(Method No. 401)	400 Max	BLQ(LOQ:5.0)
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)


Saurabh Sharma
24-05-2021
Reviewer


24-05-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis,it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2105010005 Sample Reg. Date :01-05-2021 Report Date :24-05-2021 Report No. :ICE-2105240372 NABL ULR No. :TC592621000004796F Customer Ref. No.: PO Letter Dated :29.10.2020

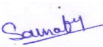
j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ (LOQ 1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ (LOQ 1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
24-05-2021
Reviewer


24-05-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

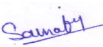
Test Report

Document QF : 2501
Page 1 of 2

Issued To	Sample Reg. No. :E01-2105010006
Jhajjar Power Limited	Sample Reg. Date :01-05-2021
Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar	Report Date :24-05-2021
Jhajjar	Report No. :ICE-2105240373
	NABL ULR No. :TC592621000004798F
	Customer Ref. No. :PO
	Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Village-Khanpur
Date of Monitoring	: 19-04-2021
Purpose of Monitoring	: For Self Monitorig
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.33
Volume of air sampled,m3	: 1810.13
Avg. Ambient Temperature,°C	: 34

Description				
Description		Ambient air quality monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂),µg/m ³	IS:5182(P-2)	80 Max	10.67
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS:5182(P-6)	80 Max	23.90
c.	Particulate Matter (PM ₁₀),µg/m ³	IS:5182(P-23)	100 Max	97.00
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW-01	60 Max	56.82
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	BLQ(LOQ:14)
f.	Lead(As Pb),µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ (LOQ 0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	1.3
h.	Ammonia(NH ₃),µg/m ³	Method of Air Sampling &Analysis(Method No. 401)	400 Max	BLQ(LOQ:5.0)
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)


Saurabh Sharma
24-05-2021
Reviewer


24-05-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis,it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2105010006 Sample Reg. Date :01-05-2021 Report Date :24-05-2021 Report No. :ICE-2105240373 NABL ULR No. :TC592621000004798F Customer Ref. No.: PO Letter Dated :29.10.2020

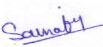
j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ (LOQ 1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ (LOQ 1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
24-05-2021
Reviewer


24-05-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2105010007 Sample Reg. Date :01-05-2021 Report Date :24-05-2021 Report No. :ICE-2105240351 NABL ULR No. :TC592621000004790F Customer Ref. No. :PO Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Shakti Vihar
Date of Monitoring	: 19-04-2021
Purpose of Monitoring	: For Self Monitorig
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.33
Volume of air sampled,m3	: 1810.13
Avg. Ambient Temperature,°C	: 34

Description				
Description		Ambient air quality monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂),µg/m ³	IS:5182(P-2)	80 Max	9.86
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS:5182(P-6)	80 Max	18.92
c.	Particulate Matter (PM ₁₀),µg/m ³	IS:5182(P-23)	100 Max	95.96
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW-01	60 Max	53.87
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	BLQ(LOQ:14)
f.	Lead(As Pb),µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ (LOQ 0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	BLQ (LOQ:1.0)
h.	Ammonia(NH ₃),µg/m ³	Method of Air Sampling &Analysis(Method No. 401)	400 Max	BLQ(LOQ:5.0)
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)

Saurabh Sharma
24-05-2021
Reviewer

24-05-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis,it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2105010007 Sample Reg. Date :01-05-2021 Report Date :24-05-2021 Report No. :ICE-2105240351 NABL ULR No. :TC592621000004790F Customer Ref. No.: PO Letter Dated :29.10.2020

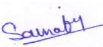
j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ (LOQ 1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ (LOQ 1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
24-05-2021
Reviewer


24-05-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2105010008 Sample Reg. Date :01-05-2021 Report Date :24-05-2021 Report No. :ICE-2105240374 NABL ULR No. :TC592621000004795F Customer Ref. No. :PO Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information : Location of Sampling Point Date of Monitoring Purpose of Monitoring Duration of Monitoring, minutes Avg. Flow Rate of Sampling, m ³ /min Volume of air sampled, m ³ Avg. Ambient Temperature, °C	: Near Guest House : 22-04-2021 : For Self Monitoring : 1440 : 1.34 : 1835.70 : 32

Description				
Description	Ambient air quality monitoring			
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Atmospheric Pollution				
1. Ambient Air Quality Parameters				
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	9.03
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	13.94
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	81.98
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	42.93
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ(LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ (LOQ 0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	BLQ (LOQ:1.0)
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ(LOQ:5.0)
i.	Benzene (C ₆ H ₆), µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)

Saurabh
Saurabh Sharma
24-05-2021
Reviewer

PremKumar
24-05-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2105010008 Sample Reg. Date :01-05-2021 Report Date :24-05-2021 Report No. :ICE-2105240374 NABL ULR No. :TC592621000004795F Customer Ref. No.: PO Letter Dated :29.10.2020

j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ (LOQ 1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ (LOQ 1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
24-05-2021
Reviewer


24-05-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

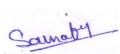
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2105010009 Sample Reg. Date :01-05-2021 Report Date :24-05-2021 Report No. :ICE-2105240352 NABL ULR No. :TC592621000004789F Customer Ref. No. :PO Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information : Location of Sampling Point Date of Monitoring Purpose of Monitoring Duration of Monitoring, minutes Avg. Flow Rate of Sampling, m ³ /min Volume of air sampled, m ³ Avg. Ambient Temperature, °C	: Near Gate No-3 : 22-04-2021 : For Self Monitoring : 1440 : 1.33 : 1822 : 32

Description				
Description	Ambient air quality monitoring			
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Atmospheric Pollution				
1. Ambient Air Quality Parameters				
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	19.71
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	34.15
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	98.02
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	54.71
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ(LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ (LOQ 0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	1.3
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ(LOQ:5.0)
i.	Benzene (C ₆ H ₆), µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)


Saurabh Sharma
24-05-2021
Reviewer


24-05-2021
Prem Kumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2105010009 Sample Reg. Date :01-05-2021 Report Date :24-05-2021 Report No. :ICE-2105240352 NABL ULR No. :TC592621000004789F Customer Ref. No.: PO Letter Dated :29.10.2020

j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ (LOQ 1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ (LOQ 1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
24-05-2021
Reviewer


24-05-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

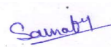
Test Report

Document QF : 2501
Page 1 of 2

Issued To	Sample Reg. No. :E01-2105010010
Jhajjar Power Limited	Sample Reg. Date :01-05-2021
Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar	Report Date :24-05-2021
Jhajjar	Report No. :ICE-2105240375
	NABL ULR No. :TC592621000004787F
	Customer Ref. No. :PO
	Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Village-Khanpur
Date of Monitoring	: 22-04-2021
Purpose of Monitoring	: For Self Monitorig
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.34
Volume of air sampled,m3	: 1835.70
Avg. Ambient Temperature,°C	: 32

Description				
Description		Ambient air quality monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂),µg/m ³	IS:5182(P-2)	80 Max	17.65
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS:5182(P-6)	80 Max	25.90
c.	Particulate Matter (PM ₁₀),µg/m ³	IS:5182(P-23)	100 Max	98.00
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW-01	60 Max	55.97
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	BLQ(LOQ:14)
f.	Lead(As Pb),µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ (LOQ 0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	1.2
h.	Ammonia(NH ₃),µg/m ³	Method of Air Sampling &Analysis(Method No. 401)	400 Max	BLQ(LOQ:5.0)
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)


Saurabh Sharma
24-05-2021
Reviewer


24-05-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis,it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2105010010 Sample Reg. Date :01-05-2021 Report Date :24-05-2021 Report No. :ICE-2105240375 NABL ULR No. :TC592621000004787F Customer Ref. No.: PO Letter Dated :29.10.2020

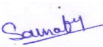
j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ (LOQ 1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ (LOQ 1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
24-05-2021
Reviewer


24-05-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

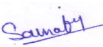
Test Report

Document QF : 2501
Page 1 of 2

Issued To	Sample Reg. No. :E01-2105010011
Jhajjar Power Limited	Sample Reg. Date :01-05-2021
Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar	Report Date :24-05-2021
Jhajjar	Report No. :ICE-2105240376
	NABL ULR No. :TC592621000004786F
	Customer Ref. No. :PO
	Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Shakti Vihar
Date of Monitoring	: 22-04-2021
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	: 1822
Avg. Ambient Temperature, °C	: 32

Description				
Description		Ambient Air Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	6.98
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	10.99
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	79.97
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	37.88
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ(LOQ :14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ (LOQ 0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	BLQ (LOQ:1.0)
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ(LOQ :5.0)
i.	Benzene (C ₆ H ₆), µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)


Saurabh Sharma
24-05-2021
Reviewer


24-05-2021
Prem Kumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2105010011 Sample Reg. Date :01-05-2021 Report Date :24-05-2021 Report No. :ICE-2105240376 NABL ULR No. :TC592621000004786F Customer Ref. No.: PO Letter Dated :29.10.2020

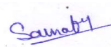
j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ (LOQ 1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ (LOQ 1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
24-05-2021
Reviewer


24-05-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 1 of 2

Issued To	Sample Reg. No. :E01-2105010012
Jhajjar Power Limited	Sample Reg. Date :01-05-2021
Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar	Report Date :24-05-2021
Jhajjar	Report No. :ICE-2105240377
	NABL ULR No. :TC592621000004782F
	Customer Ref. No. :PO
	Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Guest House
Date of Monitoring	: 26-04-2021
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.34
Volume of air sampled, m ³	: 1811.94
Avg. Ambient Temperature, °C	: 36

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	5.75
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	8.99
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	82.01
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	41.67
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ(LOQ :14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ (LOQ 0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	BLQ (LOQ:1.0)
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ(LOQ :5.0)
i.	Benzene (C ₆ H ₆), µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)

Saurabh Sharma
24-05-2021
Reviewer

24-05-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2105010012 Sample Reg. Date :01-05-2021 Report Date :24-05-2021 Report No. :ICE-2105240377 NABL ULR No. :TC592621000004782F Customer Ref. No.: PO Letter Dated :29.10.2020

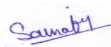
j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ (LOQ 1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ (LOQ 1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
24-05-2021
Reviewer


24-05-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 1 of 2

Issued To	Sample Reg. No. :E01-2105010013
Jhajjar Power Limited	Sample Reg. Date :01-05-2021
Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar	Report Date :24-05-2021
Jhajjar	Report No. :ICE-2105240347
	NABL ULR No. :TC592621000004772F
	Customer Ref. No. :PO
	Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Gate NO-3
Date of Monitoring	: 26-04-2021
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.33
Volume of air sampled, m ³	: 1798.42
Avg. Ambient Temperature, °C	: 36

Description				
Description		Ambient Air Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	15.61
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	25.90
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	93.80
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	56.82
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ(LOQ :14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ (LOQ : 0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	1.1
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ(LOQ :5.0)
i.	Benzene (C ₆ H ₆), µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)

Saurabh Sharma
24-05-2021
Reviewer

24-05-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2105010013 Sample Reg. Date :01-05-2021 Report Date :24-05-2021 Report No. :ICE-2105240347 NABL ULR No. :TC592621000004772F Customer Ref. No.: PO Letter Dated :29.10.2020

j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ (LOQ : 1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ (LOQ : 1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
24-05-2021
Reviewer


24-05-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2105010014 Sample Reg. Date :01-05-2021 Report Date :24-05-2021 Report No. :ICE-2105240378 NABL ULR No. :TC592621000004781F Customer Ref. No. :PO Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information : Location of Sampling Point Date of Monitoring Purpose of Monitoring Duration of Monitoring, minutes Avg. Flow Rate of Sampling, m ³ /min Volume of air sampled, m ³ Avg. Ambient Temperature, °C	: Village-Khanpur : 26-04-2021 : For Self Monitoring : 1440 : 1.34 : 1817.82 : 35

Description				
Description	Ambient Air Quality Monitoring			
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Atmospheric Pollution				
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	16.84
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	21.91
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	95.99
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	52.60
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ(LOQ :14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ (LOQ : 0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	1.2
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ(LOQ :5.0)
i.	Benzene (C ₆ H ₆), µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)

Saurabh
Saurabh Sharma
24-05-2021
Reviewer

PremKumar
24-05-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2105010014 Sample Reg. Date :01-05-2021 Report Date :24-05-2021 Report No. :ICE-2105240378 NABL ULR No. :TC592621000004781F Customer Ref. No.: PO Letter Dated :29.10.2020

j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ (LOQ : 1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ (LOQ : 1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
24-05-2021
Reviewer


24-05-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

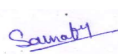
Document QF : 2501

Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2105010015 Sample Reg. Date :01-05-2021 Report Date :24-05-2021 Report No. :ICE-2105240371 NABL ULR No. :TC592621000004777F Customer Ref. No. :PO Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information : Location of Sampling Point Date of Monitoring Purpose of Monitoring Duration of Monitoring, minutes Avg. Flow Rate of Sampling, m ³ /min Volume of air sampled, m ³ Avg. Ambient Temperature, °C	: Near shakti Vihar : 26-04-2021 : For Self Monitoring : 1440 : 1.33 : 1810.13 : 34

Description				
Description	Ambient Air Monitoring			
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Atmospheric Pollution				
1. Ambient Air Quality Parameters				
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	6.98
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	11.95
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	79.99
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	38.72
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ(LOQ :14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ (LOQ : 0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	BLQ (LOQ:1.0)
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ(LOQ :5.0)
i.	Benzene (C ₆ H ₆), µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)


Saurabh Sharma
24-05-2021
Reviewer


24-05-2021
Prem Kumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2105010015 Sample Reg. Date :01-05-2021 Report Date :24-05-2021 Report No. :ICE-2105240371 NABL ULR No. :TC592621000004777F Customer Ref. No.: PO Letter Dated :29.10.2020

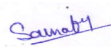
j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ (LOQ : 1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ (LOQ : 1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
24-05-2021
Reviewer


24-05-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

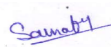
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2105010016 Sample Reg. Date :01-05-2021 Report Date :24-05-2021 Report No. :ICE-2105240348 NABL ULR No. :TC592621000004775F Customer Ref. No. :PO Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Guest House
Date of Monitoring	: 29-04-2021
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	: 1829.70
Avg. Ambient Temperature, °C	: 33

Description				
Description		Ambient Air Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	8.62
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	14.94
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	82.96
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	42.93
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ(LOQ :14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ (LOQ : 0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	BLQ (LOQ:1.0)
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ(LOQ :5.0)
i.	Benzene (C ₆ H ₆), µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)


Saurabh Sharma
24-05-2021
Reviewer


24-05-2021
Prem Kumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2105010016 Sample Reg. Date :01-05-2021 Report Date :24-05-2021 Report No. :ICE-2105240348 NABL ULR No. :TC592621000004775F Customer Ref. No.: PO Letter Dated :29.10.2020

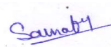
j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ (LOQ : 1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ (LOQ : 1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
24-05-2021
Reviewer


24-05-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

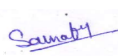
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2105010017 Sample Reg. Date :01-05-2021 Report Date :24-05-2021 Report No. :ICE-2105240349 NABL ULR No. :TC592621000004773F Customer Ref. No. :PO Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information : Location of Sampling Point Date of Monitoring Purpose of Monitoring Duration of Monitoring, minutes Avg. Flow Rate of Sampling, m ³ /min Volume of air sampled, m ³ Avg. Ambient Temperature, °C	: Near Gate No-3 : 29-04-2021 : For Self Monitoring : 1440 : 1.33 : 1816.05 : 33

Description				
Description	Ambient Air Monitoring			
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Atmospheric Pollution				
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	18.89
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	27.89
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	96.97
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	54.71
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ(LOQ :14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ (LOQ : 0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	1.2
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ(LOQ :5.0)
i.	Benzene (C ₆ H ₆), µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)


Saurabh Sharma
24-05-2021
Reviewer


24-05-2021
Prem Kumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2105010017 Sample Reg. Date :01-05-2021 Report Date :24-05-2021 Report No. :ICE-2105240349 NABL ULR No. :TC592621000004773F Customer Ref. No.: PO Letter Dated :29.10.2020

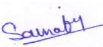
j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ (LOQ : 1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ (LOQ : 1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
24-05-2021
Reviewer


24-05-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

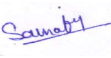
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2105010018 Sample Reg. Date :01-05-2021 Report Date :24-05-2021 Report No. :ICE-2105240370 NABL ULR No. :TC592621000004776F Customer Ref. No. :PO Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Village Khanpur
Date of Monitoring	: 29-04-2021
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.33
Volume of air sampled, m ³	: 1804.25
Avg. Ambient Temperature, °C	: 35

Description				
Description		Ambient Air Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	15.60
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	22.90
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	97.99
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	55.98
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ(LOQ :14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ (LOQ : 0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	1.3
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ(LOQ :5.0)
i.	Benzene (C ₆ H ₆), µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)


Saurabh Sharma
24-05-2021
Reviewer


24-05-2021
Prem Kumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2105010018 Sample Reg. Date :01-05-2021 Report Date :24-05-2021 Report No. :ICE-2105240370 NABL ULR No. :TC592621000004776F Customer Ref. No.: PO Letter Dated :29.10.2020

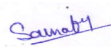
j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ (LOQ : 1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ (LOQ : 1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
24-05-2021
Reviewer


24-05-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 1 of 2

Issued To	Sample Reg. No. :E01-2105010019
Jhajjar Power Limited	Sample Reg. Date :01-05-2021
Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar	Report Date :24-05-2021
Jhajjar	Report No. :ICE-2105240350
	NABL ULR No. :TC592621000004774F
	Customer Ref. No. :PO
	Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Shakti Vihar
Date of Monitoring	: 29-04-2021
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	: 1823.74
Avg. Ambient Temperature, °C	: 34

Description				
Description		Ambient Air Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	7.80
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	11.95
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	82.96
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	41.67
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ(LOQ :14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ (LOQ : 0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	BLQ (LOQ:1.0)
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ(LOQ :5.0)
i.	Benzene (C ₆ H ₆), µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)

Saurabh Sharma
24-05-2021
Reviewer

24-05-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2105010019 Sample Reg. Date :01-05-2021 Report Date :24-05-2021 Report No. :ICE-2105240350 NABL ULR No. :TC592621000004774F Customer Ref. No.: PO Letter Dated :29.10.2020

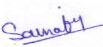
j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ (LOQ : 1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ (LOQ : 1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
24-05-2021
Reviewer


24-05-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

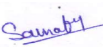
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2104030051 Sample Reg. Date :03-04-2021 Report Date :09-04-2021 Report No. :ICE-2104090262 NABL ULR No. :TC592621000003534F Customer Ref. No.: PO Letter Dated :29.10.2020

Test Report as per :	: EPA Act 1986/PCLS/2010
General Information : Date of Monitoring Time of Monitoring Name of the emission source monitored (a) Rated Capacity (b) Capacity on sampling day (c) Type of fuel used & its consumption (d) Normal operating schedule 2. Stack Identification 3.Type of Stack/Duct 4.Stack Height from Ground Level(m) Diameter of the Stack(cm) (6) Sampling Duration(minutes) Purpose of Monitoring (8) Air Pollution control measure (a) Status (b) Recovery of Material (9) Fugitive Emission,if any Observations : Flue Gas Temperature, °C,Avg. Flue Gas Velocity(m/s),Avg. Volumetric Flow Rate(Nm ³ /hr.) Ambient Air Temperature, °C	: 02-04-2021 : 11:10 hrs to 11:48 hrs : Stack Emission of Boiler : 660 MW : 503 MW : Coal & 273 Ton/hr : 24 hrs : Stack attached to Boiler, Unit-I (at 65 meter's height) : Metal : 275 : 700 : 38 : For Self Monitoring : ESP + FF + FGD + Low NOx Burner : Working : - : Nil : 49 : 14.89 : 184527.87 : 27

S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	General Parameters			


Saurabh Sharma
09-04-2021
Reviewer


09-04-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2104030051 Sample Reg. Date :03-04-2021 Report Date :09-04-2021 Report No. :ICE-2104090262 NABL ULR No. :TC592621000003534F Customer Ref. No.: PO Letter Dated :29.10.2020

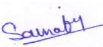
a.	Particulate Matter, mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-1)	Max. 50	27.62
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-2)	Max. 200	137.28
c.	Oxides of Nitrogen (NO _x), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-7)	Max. 450	158.47
d.	Mercury(As Hg),mg/Nm ³	USEPA Method	Max. 0.03	BLQ(LOQ : 0.01)
e.	Carbon Monoxide(CO),% v/v	IS:13270	Max. 1.0	0.2
f.	Moisture, % by mass	IS: 11255 (P-3)	Not Specified	6.0

'#' represents Customer Defined Fields

NOTE : NA- Not Applicable, BLQ :- Below Limit of Quantification, LOQ :- Limit of Quantification, Requirement as per EPA 1986/PCLS/2010, Sample collected by lab rep. on dated 02.04.2021, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A

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


Saurabh Sharma
09-04-2021
Reviewer


09-04-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

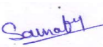
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2104030052 Sample Reg. Date :03-04-2021 Report Date :09-04-2021 Report No. :ICE-2104090263 NABL ULR No. :TC592621000003520F Customer Ref. No.: PO Letter Dated :29.10.2020

Test Report as per :	: EPA Act 1986/PCLS/2010
General Information : Date of Monitoring Time of Monitoring Name of the emission source monitored (a) Rated Capacity (b) Capacity on sampling day (c) Type of fuel used & its consumption (d) Normal operating schedule 2. Stack Identification 3.Type of Stack/Duct 4.Stack Height from Ground Level(m) Diameter of the Stack(cm) (6) Sampling Duration(minutes) Purpose of Monitoring (8) Air Pollution control measure (a) Status (b) Recovery of Material (9) Fugitive Emission,if any Observations : Flue Gas Temperature, °C,Avg. Flue Gas Velocity(m/s),Avg. Volumetric Flow Rate(Nm ³ /hr.) Ambient Air Temperature, °C	: 02-04-2021 : 10:30 hrs to 11:04 hrs : Stack Emission of Boiler : 660 MW : 540 MW : Coal & 326 Ton/hr : 24 hrs : Stack attached to Boiler, Unit-II (at 65 meter's height) : Metal : 275 : 700 : 34 : For Self Monitoring : ESP + FF + FGD + Low NOx Burner : Working : - : Nil : 50 : 16.75 : 2069524.33 : 26

S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	General Parameters			


Saurabh Sharma
09-04-2021
Reviewer


09-04-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2104030052 Sample Reg. Date :03-04-2021 Report Date :09-04-2021 Report No. :ICE-2104090263 NABL ULR No. :TC592621000003520F Customer Ref. No.: PO Letter Dated :29.10.2020

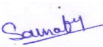
a.	Particulate Matter, mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-1)	Max. 50	32.21
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-2)	Max. 200	128.15
c.	Oxides of Nitrogen (NO _x), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-7)	Max. 450	150.60
d.	Mercury(As Hg),mg/Nm ³	USEPA Method	Max. 0.03	BLQ(LOQ : 0.01)
e.	Carbon Monoxide(CO),% v/v	IS:13270	Max. 1.0	0.2
f.	Moisture, % by mass	IS: 11255 (P-3)	Not Specified	6.2

'#' represents Customer Defined Fields

NOTE : NA- Not Applicable, BLQ :- Below Limit of Quantification, LOQ :- Limit of Quantification, Requirement as per EPA 1986/PCLS/2010, Sample collected by lab rep. on dated 02.04.2021, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A

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


Saurabh Sharma
09-04-2021
Reviewer


09-04-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

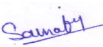
Test Report

Document QF : 2501
Page 1 of 2

Issued To	Sample Reg. No. :E01-2104100265 Sample Reg. Date :10-04-2021 Report Date :14-04-2021 Report No. :ICE-2104140393 NABL ULR No. :TC592621000003685F Customer Ref. No.: PO Letter Dated :29.10.2020
Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	

Test Report as per :	: EPA Act 1986/PCLS/2010
General Information :	
Date of Monitoring	: 09-04-2021
Time of Monitoring	: 12:10 hrs to 12:55 hrs
Name of the emission source monitored	: Stack Emission of Boiler
(a) Rated Capacity	: 660 MW
(b) Capacity on sampling day	: 400 MW
(c) Type of fuel used & its consumption	: Coal & 230 Ton/hr
(d) Normal operating schedule	: 24 hrs
2. Stack Identification	: Stack attached to Boiler, Unit-I (at 65 meter's height)
3.Type of Stack/Duct	: Metal
4.Stack Height from Ground Level(m)	: 275
Diameter of the Stack(cm)	: 700
(6) Sampling Duration(minutes)	: 45
Purpose of Monitoring	: For Self Monitoring
(8) Air Pollution control measure	: ESP + FF + FGD + Low NOx Burner
(a) Status	: Working
(b) Recovery of Material	: -
(9) Fugitive Emission,if any	: Nil
Observations :	
Flue Gas Temperature, °C,Avg.	: 51
Flue Gas Velocity(m/s),Avg.	: 12.83
Volumetric Flow Rate(Nm ³ /hr.)	: 1582451.36
Ambient Air Temperature, °C	: 29

S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	General Parameters			


Saurabh Sharma
14-04-2021
Reviewer


14-04-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2104100265 Sample Reg. Date :10-04-2021 Report Date :14-04-2021 Report No. :ICE-2104140393 NABL ULR No. :TC592621000003685F Customer Ref. No.: PO Letter Dated :29.10.2020

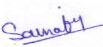
a.	Particulate Matter, mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-1)	Max. 50	29.49
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-2)	Max. 200	148.32
c.	Oxides of Nitrogen (NO _x), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-7)	Max. 450	129.50
d.	Mercury(As Hg),mg/Nm ³	USEPA Method	Max. 0.03	BLQ(LOQ:0.01)
e.	Carbon Monoxide(CO),% v/v	IS:13270	Max. 1.0	0.2
f.	Moisture, % by mass	IS: 11255 (P-3)	Not Specified	6.8

'#' 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 09.04.2021, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A

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


Saurabh Sharma
14-04-2021
Reviewer


14-04-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

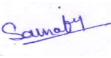
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2104100266 Sample Reg. Date :10-04-2021 Report Date :14-04-2021 Report No. :ICE-2104140394 NABL ULR No. :TC592621000003693F Customer Ref. No.: PO Letter Dated :29.10.2020

Test Report as per :	: EPA Act 1986/PCLS/2010
General Information : Date of Monitoring Time of Monitoring Name of the emission source monitored (a) Rated Capacity (b) Capacity on sampling day (c) Type of fuel used & its consumption (d) Normal operating schedule 2. Stack Identification 3.Type of Stack/Duct 4.Stack Height from Ground Level(m) Diameter of the Stack(cm) (6) Sampling Duration(minutes) Purpose of Monitoring (8) Air Pollution control measure (a) Status (b) Recovery of Material (9) Fugitive Emission,if any Observations : Flue Gas Temperature, °C,Avg. Flue Gas Velocity(m/s),Avg. Volumetric Flow Rate(Nm ³ /hr.) Ambient Air Temperature, °C	: 09-04-2021 : 11:20 hrs to 11:57 hrs : Stack Emission of Boiler : 660 MW : 400 MW : Coal & 248 Ton/hr : 24 hrs : Stack attached to Boiler, Unit-II (at 65 meter's height)) : Metal : 275 : 700 : 37 : For Self Monitoring : ESP + FF + FGD + Low NOx Burner : Working : - : Nil : 47 : 15.31 : 1911938.58 : 29

S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	General Parameters			


Saurabh Sharma
14-04-2021
Reviewer


14-04-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2104100266 Sample Reg. Date :10-04-2021 Report Date :14-04-2021 Report No. :ICE-2104140394 NABL ULR No. :TC592621000003693F Customer Ref. No.: PO Letter Dated :29.10.2020

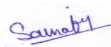
a.	Particulate Matter, mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-1)	Max. 50	34.33
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-2)	Max. 200	161.95
c.	Oxides of Nitrogen (NO _x), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-7)	Max. 450	138.62
d.	Mercury(As Hg),mg/Nm ³	USEPA Method	Max. 0.03	BLQ(LOQ:0.01)
e.	Carbon Monoxide(CO),% v/v	IS:13270	Max. 1.0	0.2
f.	Moisture, % by mass	IS: 11255 (P-3)	Not Specified	6.4

'#' represents Customer Defined Fields

NOTE : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per EPA Act 1986/PCLS/2010, Sample collected by lab rep. on dated 09.04.2021, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A

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


Saurabh Sharma
14-04-2021
Reviewer


14-04-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

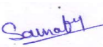
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2104200528 Sample Reg. Date :20-04-2021 Report Date :30-04-2021 Report No. :ICE-2104300779 NABL ULR No. :TC592621000004198F Customer Ref. No.: PO Letter Dated :29.10.2020

Test Report as per :	: EPA Act 1986/PCLS/2010
General Information : Date of Monitoring Time of Monitoring Name of the emission source monitored (a) Rated Capacity (b) Capacity on sampling day (c) Type of fuel used & its consumption (d) Normal operating schedule 2. Stack Identification 3.Type of Stack/Duct 4.Stack Height from Ground Level(m) Diameter of the Stack(cm) (6) Sampling Duration(minutes) Purpose of Monitoring (8) Air Pollution control measure (a) Status (b) Recovery of Material (9) Fugitive Emission,if any Observations : Flue Gas Temperature, °C,Avg. Flue Gas Velocity(m/s),Avg. Volumetric Flow Rate(Nm ³ /hr.) Ambient Air Temperature, °C	: 16-04-2021 : 11:20 hr to 12:02 hr : Stack Emission of Boiler : 660 MW : 435 MW : Coal & 268 Ton /hr : 24 hrs : Stack attached to Boiler, Unit-I (at 65 meter height) : Metal : 275 : 700 : 42 : For Self Monitoring : ESP + FF + FGD + Low NOx Burner : Working : Fly Ash : Nil : 54 : 13.96 : 1715300.82 : 33

S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	General Parameters			


Saurabh Sharma
30-04-2021
Reviewer


30-04-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2104200528 Sample Reg. Date :20-04-2021 Report Date :30-04-2021 Report No. :ICE-2104300779 NABL ULR No. :TC592621000004198F Customer Ref. No.: PO Letter Dated :29.10.2020

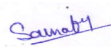
a.	Particulate Matter, mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-1)	Max. 50	34.69
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-2)	Max. 200	149.86
c.	Oxides of Nitrogen (NO _x), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-7)	Max. 450	184.28
d.	Mercury(As Hg),mg/Nm ³	USEPA Method	Max. 0.03	BLQ(LOQ:0.01)
e.	Carbon Monoxide(CO),% v/v	IS:13270	Max. 1.0	0.2
f.	Moisture, % by mass	IS: 11255 (P-3)	Not Specified	5.4

'#' represents Customer Defined Fields

NOTE : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per EPA Act 1986/PCLS/2010, Sample collected by lab rep. on dated 16.04.2021, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A

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


Saurabh Sharma
30-04-2021
Reviewer


30-04-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

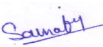
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2104200529 Sample Reg. Date :20-04-2021 Report Date :30-04-2021 Report No. :ICE-2104300780 NABL ULR No. :TC592621000004190F Customer Ref. No.: PO Letter Dated :29.10.2020

Test Report as per :	: EPA Act 1986/PCLS/2010
General Information : Date of Monitoring Time of Monitoring Name of the emission source monitored (a) Rated Capacity (b) Capacity on sampling day (c) Type of fuel used & its consumption (d) Normal operating schedule 2. Stack Identification 3.Type of Stack/Duct 4.Stack Height from Ground Level(m) Diameter of the Stack(cm) (6) Sampling Duration(minutes) Purpose of Monitoring (8) Air Pollution control measure (a) Status (b) Recovery of Material (9) Fugitive Emission,if any Observations : Flue Gas Temperature, °C,Avg. Flue Gas Velocity(m/s),Avg. Volumetric Flow Rate(Nm ³ /hr.) Ambient Air Temperature, °C	: 16-04-2021 : 10:30 hr to 11:06 hr : Stack Emission of Boiler : 660 MW : 385 MW : Coal & 230 Ton/hr : 24 hrs : Stack attached to Boiler, Unit-II (at 65 meter height) : Metal : 275 : 700 : 36 : For Self Monitoring : ESP + FF + FGD + Low NOx Burner : Working : Fly Ash : Nil : 51 : 15.75 : 1939964.56 : 32

S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	General Parameters			


Saurabh Sharma
30-04-2021
Reviewer


30-04-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2104200529 Sample Reg. Date :20-04-2021 Report Date :30-04-2021 Report No. :ICE-2104300780 NABL ULR No. :TC592621000004190F Customer Ref. No.: PO Letter Dated :29.10.2020

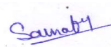
a.	Particulate Matter, mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-1)	Max. 50	30.49
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-2)	Max. 200	164.41
c.	Oxides of Nitrogen (NO _x), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-7)	Max. 450	186.70
d.	Mercury(As Hg),mg/Nm ³	USEPA Method	Max. 0.03	BLQ(LOQ:0.01)
e.	Carbon Monoxide(CO),% v/v	IS:13270	Max. 1.0	0.2
f.	Moisture, % by mass	IS: 11255 (P-3)	Not Specified	5.6

'#' represents Customer Defined Fields

NOTE : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per EPA Act 1986/PCLS/2010, Sample collected by lab rep. on dated 16.04.2021, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A

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


Saurabh Sharma
30-04-2021
Reviewer


30-04-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

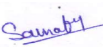
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2104240621 Sample Reg. Date :24-04-2021 Report Date :30-04-2021 Report No. :ICE-2104300774 NABL ULR No. :TC592621000004195F Customer Ref. No.: PO Letter Dated :29.10.2020

Test Report as per :	: EPA Act 1986/PCLS/2010
General Information : Date of Monitoring Time of Monitoring Name of the emission source monitored (a) Rated Capacity (b) Capacity on sampling day (c) Type of fuel used & its consumption (d) Normal operating schedule 2. Stack Identification 3.Type of Stack/Duct 4.Stack Height from Ground Level(m) Diameter of the Stack(cm) (6) Sampling Duration(minutes) Purpose of Monitoring (8) Air Pollution control measure (a) Status (b) Recovery of Material (9) Fugitive Emission,if any Observations : Flue Gas Temperature, °C,Avg. Flue Gas Velocity(m/s),Avg. Volumetric Flow Rate(Nm ³ /hr.) Ambient Air Temperature, °C	: 23-04-2021 : 11:00 hr to 11:34 hr : Stack Emission of Boiler : 600 MW : 398 MW : Coal & 225 Ton /hr : 24 hrs : Stack attached to Boiler, Unit-I (at 65 meter height) : Metal : 275 : 700 : 34 : For Self Monitoring : ESP + FF + FGD + Low NOx Burner : Working : Fly Ash : Nil : 52 : 16.41 : 2017780.61 : 29

S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	General Parameters			


Saurabh Sharma
30-04-2021
Reviewer


30-04-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2104240621 Sample Reg. Date :24-04-2021 Report Date :30-04-2021 Report No. :ICE-2104300774 NABL ULR No. :TC592621000004195F Customer Ref. No.: PO Letter Dated :29.10.2020

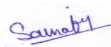
a.	Particulate Matter, mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-1)	Max. 50	29.42
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-2)	Max. 200	134.63
c.	Oxides of Nitrogen (NO _x), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-7)	Max. 450	188.34
d.	Mercury(As Hg),mg/Nm ³	USEPA Method	Max. 0.03	BLQ(LOQ:0.01)
e.	Carbon Monoxide(CO),% v/v	IS:13270	Max. 1.0	0.2
f.	Moisture, % by mass	IS: 11255 (P-3)	Not Specified	6.8

'#' 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 23.04.2021, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A

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


Saurabh Sharma
30-04-2021
Reviewer


30-04-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2104240622 Sample Reg. Date :24-04-2021 Report Date :30-04-2021 Report No. :ICE-2104300775 NABL ULR No. :TC592621000004193F Customer Ref. No.: PO Letter Dated :29.10.2020

Test Report as per :	: EPA Act 1986/PCLS/2010
General Information : Date of Monitoring Time of Monitoring Name of the emission source monitored (a) Rated Capacity (b) Capacity on sampling day (c) Type of fuel used & its consumption (d) Normal operating schedule 2. Stack Identification 3.Type of Stack/Duct 4.Stack Height from Ground Level(m) Diameter of the Stack(cm) (6) Sampling Duration(minutes) Purpose of Monitoring (8) Air Pollution control measure (a) Status (b) Recovery of Material (9) Fugitive Emission,if any Observations : Flue Gas Temperature, °C,Avg. Flue Gas Velocity(m/s),Avg. Volumetric Flow Rate(Nm ³ /hr.) Ambient Air Temperature, °C	: 23-04-2021 : 10:20 hr to 10:56 hr : Stack Emission of Boiler : 660 MW : 398 MW : Coal & 240 Ton/hr : 24 hrs : Stack attached to Boiler, Unit-II (at 65 meter height) : Meatl : 275 : 700 : 36 : For Self Monitoring : ESP + FF + FGD + Low NOx Burner : Working : Fly Ash : Nil : 53 : 15.97 : 1957654.47 : 28

S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	General Parameters			

Saurabh Sharma
30-04-2021
Reviewer

30-04-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2104240622 Sample Reg. Date :24-04-2021 Report Date :30-04-2021 Report No. :ICE-2104300775 NABL ULR No. :TC592621000004193F Customer Ref. No.: PO Letter Dated :29.10.2020

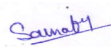
a.	Particulate Matter, mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-1)	Max. 50	33.09
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-2)	Max. 200	146.67
c.	Oxides of Nitrogen (NO _x), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-7)	Max. 450	212.05
d.	Mercury(As Hg),mg/Nm ³	USEPA Method	Max. 0.03	BLQ(LOQ:0.01)
e.	Carbon Monoxide(CO),% v/v	IS:13270	Max. 1.0	0.2
f.	Moisture, % by mass	IS: 11255 (P-3)	Not Specified	7.2

'#' represents Customer Defined Fields

NOTE : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per EPA Act 1986/PCLS/2010, Sample collected by lab rep. on dated 23.04.2021, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A

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


Saurabh Sharma
30-04-2021
Reviewer


30-04-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

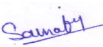
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2105010002
	Sample Reg. Date :01-05-2021
	Report Date :24-05-2021
	Report No. :ICE-2105240386
	NABL ULR No. :TC592621000004805F
	Customer Ref. No.: PO
	Letter Dated :29.10.2020

Test Report as per :	: EPA Act 1986/PCLS/2010
General Information :	
Date of Monitoring	: 30-04-2021
Time of Monitoring	: 10:40 to 11:17 hrs
Name of the emission source monitored	: Stack Emission of Boiler
(a) Rated Capacity	: 660 MW
(b) Capacity on sampling day	: 405 MW
(c) Type of fuel used & its consumption	: Coal & 250 Ton/hr
(d) Normal operating schedule	: 24 hrs
2. Stack Identification	: Stack attached to Boiler, Unit-I (at 65 meter's height)
3.Type of Stack/Duct	: Metal
4.Stack Height from Ground Level(m)	: 275
Diameter of the Stack(cm)	: 700
(6) Sampling Duration(minutes)	: 37
Purpose of Monitoring	: For Self Monitoring
(8) Air Pollution control measure	: ESP+FF+FGD+Low NOx Burner
(a) Status	: Working
(b) Recovery of Material	: -
(9) Fugitive Emission,if any	: Nil
Observations :	
Flue Gas Temperature, °C,Avg.	: 52
Flue Gas Velocity(m/s),Avg.	: 15.66
Volumetric Flow Rate(Nm ³ /hr.)	: 1922944.04
Ambient Air Temperature, °C	: 32

S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	General Parameters			


Saurabh Sharma
24-05-2021
Reviewer


24-05-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2105010002 Sample Reg. Date :01-05-2021 Report Date :24-05-2021 Report No. :ICE-2105240386 NABL ULR No. :TC592621000004805F Customer Ref. No.: PO Letter Dated :29.10.2020

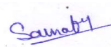
a.	Particulate Matter, mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-1)	Max. 50	34.03
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-2)	Max. 200	154.39
c.	Oxides of Nitrogen (NO _x), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-7)	Max. 450	187.26
d.	Mercury(As Hg),mg/Nm ³	USEPA Method	Max. 0.03	BLQ(LOQ:0.01)
e.	Carbon Monoxide(CO),% v/v	IS:13270	Max. 1.0	0.2
f.	Moisture, % by mass	IS: 11255 (P-3)	Not Specified	6.8

'#' 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 30.04.2021, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A

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


Saurabh Sharma
24-05-2021
Reviewer


24-05-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

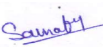
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2105010003 Sample Reg. Date :01-05-2021 Report Date :24-05-2021 Report No. :ICE-2105240387 NABL ULR No. :TC592621000004806F Customer Ref. No.: PO Letter Dated :29.10.2020

Test Report as per :	: EPA Act 1986/PCLS/2010
General Information : Date of Monitoring Time of Monitoring Name of the emission source monitored (a) Rated Capacity (b) Capacity on sampling day (c) Type of fuel used & its consumption (d) Normal operating schedule 2. Stack Identification 3.Type of Stack/Duct 4.Stack Height from Ground Level(m) Diameter of the Stack(cm) (6) Sampling Duration(minutes) Purpose of Monitoring (8) Air Pollution control measure (a) Status (b) Recovery of Material (9) Fugitive Emission,if any Observations : Flue Gas Temperature, °C,Avg. Flue Gas Velocity(m/s),Avg. Volumetric Flow Rate(Nm ³ /hr.) Ambient Air Temperature, °C	: 30-04-2021 : 10:00 hrs to 10:34 hrs : Stack Emission of Boiler : 660 MW : 400 MW : Coal 267 Ton/hr : 24 hrs : Stack attach to Boiler, Unit-II (at 65 meter's height) : Metal : 275 : 700 : 34 : For Self Monitoring : ESP+FF+FGD+Low NOx Burner : working : - : NIL : 54 : 16.74 : 2042988.63 : 31

S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	General Parameters			


Saurabh Sharma
24-05-2021
Reviewer


24-05-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2105010003 Sample Reg. Date :01-05-2021 Report Date :24-05-2021 Report No. :ICE-2105240387 NABL ULR No. :TC592621000004806F Customer Ref. No.: PO Letter Dated :29.10.2020

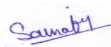
a.	Particulate Matter, mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-1)	Max. 50	30.94
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-2)	Max. 200	145.17
c.	Oxides of Nitrogen (NO _x), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-7)	Max. 450	189.72
d.	Mercury(As Hg),mg/Nm ³	USEPA Method	Max. 0.03	BLQ(LOQ:0.01)
e.	Carbon Monoxide(CO),% v/v	IS:13270	Max. 1.0	0.2
f.	Moisture, % by mass	IS: 11255 (P-3)	Not Specified	6.2

'#' represents Customer Defined Fields

NOTE : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per EPA Act 1986/PCLS/2010, Sample collected by lab rep. on dated 30.04.2021, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A

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


Saurabh Sharma
24-05-2021
Reviewer


24-05-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 1 of 3

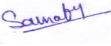
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2104120304 Sample Reg. Date :12-04-2021 Report Date :22-04-2021 Report No. :ICE-2104220584 NABL ULR No. :TC592621000003942F Customer Ref. No.: PO Letter Dated :29.10.2021

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

PART A : PARTICULARS OF SAMPLE SUBMITTED

a)	Nature of Sample #	ETP Inlet Water
b)	Grade / Variety / Type / Class / Size etc.	NA
c)	Brand Name	NA
d)	Declared Values,if any	NA
e)	Code No.	
f)	Batch Number #	NA
g)	D.O.M #	NA
h)	Date of Expiry #	NA
i)	Sample Quantity #	2 Ltr
j)	Batch Size/Location #	NA
k)	Mode of Packing	Packed in can
l)	Date of Receipt	12-04-2021
m)	Date of Start	12-04-2021
n)	Date of Completion	22-04-2021
o)	Seal (Intact/Not Intact/Unsealed)	NA
p)	IO'S Signature (Signed/Unsigned)	Unsigned
q)	Any Other Information	Sample collected by lab rep. on 09.04.2021
r)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
s)	Manufactured By #	NA
t)	Supplied By #	NA

PART B : SUPPLIMENTARY INFORMATIONS


Saurabh Sharma
22-04-2021
Reviewer


22-04-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

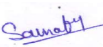
Document QF : 2501

Page 2 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2104120304 Sample Reg. Date :12-04-2021 Report Date :22-04-2021 Report No. :ICE-2104220584 NABL ULR No. :TC592621000003942F Customer Ref. No.: PO Letter Dated :29.10.2021

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	Result
Discipline : Chemical			
Group : Pollution & Environment			
1.	General Parameters		
a.	Colour	IS:3025(Part4):1983(RA:2017)amd no1	Greyish
b.	Odour	IS:3025(Part 5):1983(RA:2017)	Mild
c.	pH Value	IS:3025 (Part - 11):1983(RA:2017)	8.18
d.	Total Suspended Solids,(mg/l)	IS:3025(Part 17)	61
e.	Total Dissolved Solids (mg/l)	IS:3025(Part 16):1984(RA.2006)	578
f.	Chemical Oxygen Demand(mg/l)	APHA-23rd Edition	121
g.	Bio-chemical Oxygen Demand, mg/l (3 days at 27°C)	IS:3025(P-44)	43
h.	Oil & Grease(mg/l)	IS:3025(P-39)	2.8
i.	Zinc(As Zn)(mg/l)	IS: 3025 (P-2)	BLQ(LOQ:0.05)
j.	Arsenic(as As)(mg/l)	IS: 3025 (P-2)	BLQ(LOQ:0.05)
k.	Total Chromium as Cr (mg/l)	IS: 3025 (P-2)	BLQ(LOQ:0.05)
l.	Cyanide as CN, (mg/l)	IS:3025(P-27)	Absent
m.	Iron(as Fe)(mg/l)	IS: 3025 (P-2)	BLQ(LOQ:0.05)
n.	Temperature(°C)	IS: 3025 (P-9)	23.2
o.	Free Residual Chlorine (mg/l)	IS:3025(Part 26):1986(RA:2014)amd no 1	BLQ(LOQ:1.0)


Saurabh Sharma
22-04-2021
Reviewer


22-04-2021
Prem Kumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 3 of 3

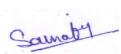
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2104120304 Sample Reg. Date :12-04-2021 Report Date :22-04-2021 Report No. :ICE-2104220584 NABL ULR No. :TC592621000003942F Customer Ref. No.: PO Letter Dated :29.10.2021
p. Phosphate as P (mg/l)	APHA-23rd Edition 0.24

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
22-04-2021
Reviewer


22-04-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 1 of 3

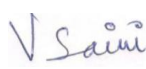
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2104120306 Sample Reg. Date :12-04-2021 Report Date :04-05-2021 Report No. :ICE-2105040052 NABL ULR No. :TC592621000004275F Customer Ref. No.: PO Letter Dated :29.10.2020

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

PART A : PARTICULARS OF SAMPLE SUBMITTED

a)	Nature of Sample #	ETP Outlet Water
b)	Grade / Variety / Type / Class / Size etc.	NA
c)	Brand Name	NA
d)	Declared Values,if any	NA
e)	Code No.	
f)	Batch Number #	NA
g)	D.O.M #	NA
h)	Date of Expiry #	NA
i)	Sample Quantity #	2+5 Ltr
j)	Batch Size/Location #	NA
k)	Mode of Packing	Packed in cans
l)	Date of Receipt	12-04-2021
m)	Date of Start	12-04-2021
n)	Date of Completion	04-05-2021
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 09.04.2020
r)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
s)	Manufactured By #	NA
t)	Supplied By #	NA

PART B : SUPPLIMENTARY INFORMATIONS


Vikrant
04-05-2021
Reviewer


04-05-2021
PremKumar
[Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.

(ISO 9001:2015 & 14001:2015 OHSAS 18001:2007 Certified Laboratory)

(A Government Approved Test House)

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

Phone : (O) 0172-2561543, 2565825

Visit us : www.itclabs.com Email : customersupport@itclabs.com

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 2 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2104120306 Sample Reg. Date :12-04-2021 Report Date :04-05-2021 Report No. :ICE-2105040052 NABL ULR No. :TC592621000004275F Customer Ref. No.: PO Letter Dated :29.10.2020

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

Description				
Description		ETP Outlet Water		
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Pollution & Environment				
1. General Parameters				
a.	Colour	IS:3025(Part4):1983(RA: 2017)amd. no1	Not Specified	Colourless
b.	Odour	IS:3025(Part 5):1983(RA:2017)	Not Specified	None
c.	pH Value	IS:3025 (Part - 11):1983(RA:2017)	5.5-9	8.05
d.	Total Suspended Solids,(mg/l)	IS:3025(Part 17)	Max. 100	6
e.	Total Dissolved Solids (mg/l)	IS:3025(Part 16):1984(RA.2006)	Max. 2100--	541
f.	Chemical Oxygen Demand(mg/l)	APHA-23rd Edition	Max. 250	28
g.	Bio-chemical Oxygen Demand, mg/l (3 days at 27°C)	IS:3025(P-44)	Max. 30	6
h.	Oil & Grease(mg/l)	IS:3025(P-39)	Max. 10	<0.1
i.	Zinc(As Zn)(mg/l)	IS: 3025 (P-2)	Max. 5.0	BLQ(LOQ:0.05)
j.	Arsenic(as As)(mg/l)	IS: 3025 (P-2)	Max. 0.2	BLQ(LOQ:0.05)
k.	Total Chromium as Cr (mg/l)	IS: 3025 (P-2)	Max. 2.0	BLQ(LOQ:0.05)
l.	Cyanide as CN, (mg/l)	IS:3025(P-27)	Max. 0.2	Absent
m.	Iron(as Fe)(mg/l)	IS: 3025 (P-2)	Max. 3.0	BLQ(LOQ:0.05)

V. Saini
Vikrant
04-05-2021
Reviewer

Prem Kumar
04-05-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 3 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2104120306 Sample Reg. Date :12-04-2021 Report Date :04-05-2021 Report No. :ICE-2105040052 NABL ULR No. :TC592621000004275F Customer Ref. No.: PO Letter Dated :29.10.2020

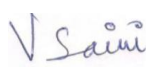
n.	Bio Assay Test	IS:6582-1971	Minimum 90 % survival of fish was observed after 96 hours in 100 % effluent	100% survival of fish after 96 hours in 100% effluent water.
o.	Temperature(°C)	IS: 3025 (P-9)		23.5
p.	Free Residual Chlorine (mg/l)	IS:3025(P-26)	Max. 1.0	BLQ(LOQ:1.0)
q.	Phosphate as P (mg/l)	APHA-23rd Edition	Not Specified	0.23

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Vikrant
04-05-2021
Reviewer


04-05-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 1 of 3

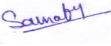
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2104120308 Sample Reg. Date :12-04-2021 Report Date :22-04-2021 Report No. :ICE-2104220585 NABL ULR No. :TC592621000003943F Customer Ref. No.: PO Letter Dated :29.10.2020

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)	Grade / Variety / Type / Class / Size etc.	NA
c)	Brand Name	NA
d)	Declared Values,if any	NA
e)	Code No.	
f)	Batch Number #	NA
g)	D.O.M #	NA
h)	Date of Expiry #	NA
i)	Sample Quantity #	2 Ltr
j)	Batch Size/Location #	NA
k)	Mode of Packing	Packed in can
l)	Date of Receipt	12-04-2021
m)	Date of Start	12-04-2021
n)	Date of Completion	22-04-2021
o)	Seal (Intact/Not Intact/Unsealed)	NA
p)	IO'S Signature (Signed/Unsigned)	Unsigned
q)	Any Other Information	Sample collected by lab rep. on 09.04.2021
r)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
s)	Manufactured By #	NA
t)	Supplied By #	NA

PART B : SUPPLIMENTARY INFORMATIONS


Saurabh Sharma
22-04-2021
Reviewer


22-04-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 2 of 3

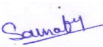
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2104120308 Sample Reg. Date :12-04-2021 Report Date :22-04-2021 Report No. :ICE-2104220585 NABL ULR No. :TC592621000003943F Customer Ref. No.: PO Letter Dated :29.10.2020

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

Description				
Description		STP Inlet Water (Plant)		
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Pollution & Environment				
1. General Parameters				
a.	Colour	IS:3025(Part4):1983(RA:2017)amd. no1		Light Greyish
b.	Odour	IS:3025(Part 5):1983(RA:2017)		Mild
c.	pH Value	IS:3025 (Part - 11):1983(RA:2017)		7.13
d.	Total Suspended Solids,(mg/l)	IS:3025(Part 17)		81
e.	Total Dissolved Solids (mg/l)	IS:3025(Part 16):1984(RA.2006)	-	541
f.	Chemical Oxygen Demand(mg/l)	APHA-23rd Edition		97
g.	Bio-chemical Oxygen Demand, mg/l (3 days at 27°C)	IS:3025(P-44)		36
h.	Oil & Grease(mg/l)	IS:3025(P-39)		4.8
i.	Free Residual Chlorine (mg/l)	IS:3025(Part 26):1986(RA:2014)amd no 1		BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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


Saurabh Sharma
22-04-2021
Reviewer


22-04-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

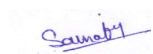
Document QF : 2501

Page 3 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2104120308 Sample Reg. Date :12-04-2021 Report Date :22-04-2021 Report No. :ICE-2104220585 NABL ULR No. :TC592621000003943F Customer Ref. No.: PO Letter Dated :29.10.2020

REMARKS :N/A

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



Saurabh Sharma
22-04-2021
Reviewer



22-04-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 1 of 3

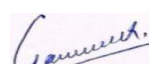
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2104120309 Sample Reg. Date :12-04-2021 Report Date :20-04-2021 Report No. :ICE-2104200549 NABL ULR No. :TC592621000003895F Customer Ref. No.: PO Letter Dated :29.10.2020

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

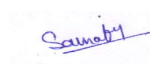
PART A : PARTICULARS OF SAMPLE SUBMITTED

a)	Nature of Sample #	STP Inlet Water (Plant).
b)	Grade / Variety / Type / Class / Size etc.	NA
c)	Brand Name	NA
d)	Declared Values,if any	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	12-04-2021
m)	Date of Start	12-04-2021
n)	Date of Completion	20-04-2021
o)	Seal (Intact/Not Intact/Unsealed)	NA
p)	IO'S Signature (Signed/Unsigned)	Unsigned
q)	Any Other Information	Sample collected by lab rep. on 09.04.2021
r)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
s)	Manufactured By #	NA
t)	Supplied By #	NA

PART B : SUPPLIMENTARY INFORMATIONS



19-04-2021
Gaurav Khandelwal
[Authorized Signatory]



Saurabh Sharma
20-04-2021
Reviewer



20-04-2021
PremKumar
[Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.

(ISO 9001:2015 & 14001:2015 OHSAS 18001:2007 Certified Laboratory)

(A Government Approved Test House)

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

Phone : (O) 0172-2561543, 2565825

Visit us : www.itclabs.com Email : customersupport@itclabs.com

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 2 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2104120309 Sample Reg. Date :12-04-2021 Report Date :20-04-2021 Report No. :ICE-2104200549 NABL ULR No. :TC592621000003895F Customer Ref. No.: PO Letter Dated :29.10.2020

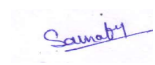
a. Reference to sampling procedure, whenever applicable	: N/A
b. Supporting documents for the measurement taken and results derived like graphs, tables, sketches and / or photographs as appropriate to test reports, if any	: N/A
c. Deviation from the test methods as prescribed in relevant ISS/WORK Instruments,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

Description			
Description		STP Inlet Water (Plant).	
S.No.	Parameters	Method	Result
Discipline : Chemical			
Group : Pollution & Environment			
1.	General Parameters		
a.	Nitrate as NO ₃ (mg/l)	IS:3025(P-34)	0.11
b.	Calcium(as Ca)(mg/l)	IS:3025(P-40)	32
c.	Magnesium as Mg(mg/l)	IS:3025(Part-46)	7
d.	Sodium(as Na)(mg/l)	IS:3025(P-45)	30.1
e.	Potassium as K,(mg/l)	IS:3025(P-45)	9.4
f.	Phosphate as PO ₄ (mg/l)	APHA-23rd Edition	0.37
Discipline : Biological			
Group : Pollution & Environment			
1.	Microbiological Tests		
a.	Faecal Coliforms, (MPN/100ml)	APHA-23 rd Edn 17-9221 F	1600
b.	<i>E.coli</i> , (MPN/100ml)	APHA-23 rd Edn 17-9221 F	1600
c.	Total Coliform (MPN/100ml)	APHA-23 rd Edn 17-9221 F	>1600

'#' represents Customer Defined Fields

NOTE : NA- Not Applicable, Sampling Procedure - SOP/ITC/EW/030, Purpose - For Self monitoring


19-04-2021
Gaurav Khandelwal
[Authorized Signatory]


Saurabh Sharma
20-04-2021
Reviewer


20-04-2021
PremKumar
[Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.
(ISO 9001:2015 & 14001:2015 OHSAS 18001:2007 Certified Laboratory)
(A Government Approved Test House)
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)
Phone : (O) 0172-2561543, 2565825
Visit us : www.itclabs.com Email : customersupport@itclabs.com

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

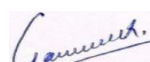
Document QF : 2501

Page 3 of 3

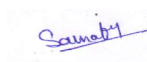
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2104120309 Sample Reg. Date :12-04-2021 Report Date :20-04-2021 Report No. :ICE-2104200549 NABL ULR No. :TC592621000003895F Customer Ref. No.: PO Letter Dated :29.10.2020

REMARKS :N/A

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



19-04-2021
Gaurav Khandelwal
[Authorized Signatory]



Saurabh Sharma
20-04-2021
Reviewer



20-04-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 1 of 3

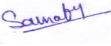
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2104120310 Sample Reg. Date :12-04-2021 Report Date :22-04-2021 Report No. :ICE-2104220586 NABL ULR No. :TC592621000003944F Customer Ref. No.: PO Letter Dated :29.10.2020

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

PART A : PARTICULARS OF SAMPLE SUBMITTED

a)	Nature of Sample #	STP Outlet Water (Plant)
b)	Grade / Variety / Type / Class / Size etc.	NA
c)	Brand Name	NA
d)	Declared Values,if any	NA
e)	Code No.	
f)	Batch Number #	NA
g)	D.O.M #	NA
h)	Date of Expiry #	NA
i)	Sample Quantity #	2 Ltr
j)	Batch Size/Location #	NA
k)	Mode of Packing	Packed in can
l)	Date of Receipt	12-04-2021
m)	Date of Start	12-04-2021
n)	Date of Completion	22-04-2021
o)	Seal (Intact/Not Intact/Unsealed)	NA
p)	IO'S Signature (Signed/Unsigned)	Unsigned
q)	Any Other Information	Sample collected by lab rep. on 09.04.2021
r)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
s)	Manufactured By #	NA
t)	Supplied By #	NA

PART B : SUPPLIMENTARY INFORMATIONS


Saurabh Sharma
22-04-2021
Reviewer


22-04-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 2 of 3

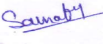
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2104120310 Sample Reg. Date :12-04-2021 Report Date :22-04-2021 Report No. :ICE-2104220586 NABL ULR No. :TC592621000003944F Customer Ref. No.: PO Letter Dated :29.10.2020

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

Description				
Description		STP Outlet Water (Plant)		
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Pollution & Environment				
1. General Parameters				
a.	Colour	IS:3025(Part4):1983(RA: 2017)amd. no1	Not Specified	Colourless
b.	Odour	IS:3025(Part 5):1983(RA:2017)	Not Specified	None
c.	pH Value	IS:3025 (Part - 11):1983(RA:2017)	6.5-9	8.03
d.	Total Suspended Solids,(mg/l)	IS:3025(Part 17)	Max. 100	7
e.	Total Dissolved Solids (mg/l)	IS:3025(Part 16):1984(RA.2006)	Not Specified	427
f.	Chemical Oxygen Demand(mg/l)	APHA-23rd Edition	Not Specified	20
g.	Bio-chemical Oxygen Demand, mg/l (3 days at 27°C)	IS:3025(P-44)	Max. 30	4
h.	Oil & Grease(mg/l)	IS:3025(P-39)	Max. 10	<0.1
i.	Free Residual Chlorine (mg/l)	IS:3025(P-26)	Max. 1.0	BLQ(LOQ:1.0)

'#' 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
22-04-2021
Reviewer


22-04-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

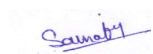
Document QF : 2501

Page 3 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2104120310 Sample Reg. Date :12-04-2021 Report Date :22-04-2021 Report No. :ICE-2104220586 NABL ULR No. :TC592621000003944F Customer Ref. No.: PO Letter Dated :29.10.2020

REMARKS :N/A

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



Saurabh Sharma
22-04-2021
Reviewer



22-04-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 1 of 3

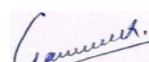
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2104120311 Sample Reg. Date :12-04-2021 Report Date :20-04-2021 Report No. :ICE-2104200550 NABL ULR No. :TC592621000003894F Customer Ref. No.: PO Letter Dated :29.10.2020

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

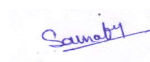
PART A : PARTICULARS OF SAMPLE SUBMITTED

a)	Nature of Sample #	STP Outlet Water (Plant).
b)	Grade / Variety / Type / Class / Size etc.	NA
c)	Brand Name	NA
d)	Declared Values,if any	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	12-04-2021
m)	Date of Start	12-04-2021
n)	Date of Completion	20-04-2021
o)	Seal (Intact/Not Intact/Unsealed)	NA
p)	IO'S Signature (Signed/Unsigned)	Unsigned
q)	Any Other Information	Sample collected by lab rep. on 09.04.2021
r)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
s)	Manufactured By #	NA
t)	Supplied By #	NA

PART B : SUPPLIMENTARY INFORMATIONS



19-04-2021
Gaurav Khandelwal
[Authorized Signatory]



Saurabh Sharma
20-04-2021
Reviewer



20-04-2021
PremKumar
[Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.

(ISO 9001:2015 & 14001:2015 OHSAS 18001:2007 Certified Laboratory)

(A Government Approved Test House)

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

Phone : (O) 0172-2561543, 2565825

Visit us : www.itclabs.com Email : customersupport@itclabs.com

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

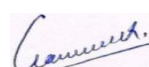
Page 2 of 3

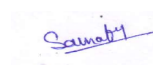
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2104120311 Sample Reg. Date :12-04-2021 Report Date :20-04-2021 Report No. :ICE-2104200550 NABL ULR No. :TC592621000003894F Customer Ref. No.: PO Letter Dated :29.10.2020

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

Description				
Description		STP Outlet Water (Plant).		
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Pollution & Environment				
1. General Parameters				
a.	Nitrate as NO ₃ (mg/l)	IS 3025 (Part 34)	Max. 10	0.06
b.	Calcium(as Ca)(mg/l)	IS:3025(P-40)	Not Specified	71
c.	Magnesium as Mg(mg/l)	IS: 3025 (P-46)	Not Specified	24
d.	Sodium(as Na)(mg/l)	IS:3025(P-45)	Not Specified	56.4
e.	Potassium as K,(mg/l)	IS:3025(P-45)	Not Specified	9.6
f.	Phosphate(as PO ₄), mg/L	APHA-23rd Edition	Max. 5.0	0.21
Discipline : Biological				
Group : Pollution & Environment				
1. Microbiological Tests				
a.	Faecal Coliform, MPN/100ml	APHA-23 rd Edn 17-9221 F	Max. 1000	350
b.	<i>E.coli</i> , (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	540

'#' represents Customer Defined Fields


19-04-2021
Gaurav Khandelwal
[Authorized Signatory]


Saurabh Sharma
20-04-2021
Reviewer


20-04-2021
PremKumar
[Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.
(ISO 9001:2015 & 14001:2015 OHSAS 18001:2007 Certified Laboratory)
(A Government Approved Test House)
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)
Phone : (O) 0172-2561543, 2565825
Visit us : www.itclabs.com Email : customersupport@itclabs.com

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 3 of 3

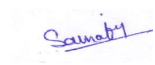
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2104120311 Sample Reg. Date :12-04-2021 Report Date :20-04-2021 Report No. :ICE-2104200550 NABL ULR No. :TC592621000003894F Customer Ref. No.: PO Letter Dated :29.10.2020

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*****


19-04-2021
Gaurav Khandelwal
[Authorized Signatory]


Saurabh Sharma
20-04-2021
Reviewer


20-04-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 1 of 3

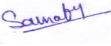
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2104120312 Sample Reg. Date :12-04-2021 Report Date :22-04-2021 Report No. :ICE-2104220588 NABL ULR No. :TC592621000003945F Customer Ref. No.: PO Letter Dated :29.10.2020

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)	Grade / Variety / Type / Class / Size etc.	NA
c)	Brand Name	NA
d)	Declared Values,if any	NA
e)	Code No.	
f)	Batch Number #	NA
g)	D.O.M #	NA
h)	Date of Expiry #	NA
i)	Sample Quantity #	2 Ltr
j)	Batch Size/Location #	NA
k)	Mode of Packing	Packed in can
l)	Date of Receipt	12-04-2021
m)	Date of Start	12-04-2021
n)	Date of Completion	22-04-2021
o)	Seal (Intact/Not Intact/Unsealed)	NA
p)	IO'S Signature (Signed/Unsigned)	Unsigned
q)	Any Other Information	Sample collected by lab rep. on 09.04.2021
r)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
s)	Manufactured By #	NA
t)	Supplied By #	NA

PART B : SUPPLIMENTARY INFORMATIONS


Saurabh Sharma
22-04-2021
Reviewer


22-04-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 2 of 3

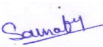
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2104120312 Sample Reg. Date :12-04-2021 Report Date :22-04-2021 Report No. :ICE-2104220588 NABL ULR No. :TC592621000003945F Customer Ref. No.: PO Letter Dated :29.10.2020

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

Description				
Description		STP Inlet Water (Township)		
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Pollution & Environment				
1. General Parameters				
a.	Colour	IS:3025(Part4):1983(RA:2017)amd. no1		Greyish
b.	Odour	IS:3025(Part 5):1983(RA:2017)		Musty
c.	pH Value	IS:3025 (Part - 11):1983(RA:2017)		6.69
d.	Total Suspended Solids,(mg/l)	IS:3025(Part 17)		212
e.	Total Dissolved Solids (mg/l)	IS:3025(Part 16):1984(RA.2006)	-	760
f.	Chemical Oxygen Demand(mg/l)	APHA-23rd Edition		3232
g.	Bio-chemical Oxygen Demand, mg/l (3 days at 27°C)	IS:3025(P-44)		1259
h.	Oil & Grease(mg/l)	IS:3025(P-39)		15.8
i.	Free Residual Chlorine (mg/l)	IS:3025(Part 26):1986(RA:2014)amd no 1		BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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


Saurabh Sharma
22-04-2021
Reviewer


22-04-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

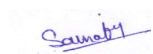
Document QF : 2501

Page 3 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2104120312 Sample Reg. Date :12-04-2021 Report Date :22-04-2021 Report No. :ICE-2104220588 NABL ULR No. :TC592621000003945F Customer Ref. No.: PO Letter Dated :29.10.2020

REMARKS :N/A

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



Saurabh Sharma
22-04-2021
Reviewer



22-04-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 1 of 3

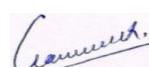
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2104120313 Sample Reg. Date :12-04-2021 Report Date :20-04-2021 Report No. :ICE-2104200551 NABL ULR No. :TC592621000003893F Customer Ref. No.:- Letter Dated :-

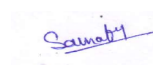
Test Report as per IS:NA	With Amendment No.(s):

PART A : PARTICULARS OF SAMPLE SUBMITTED

a)	Nature of Sample#	STP Inlet Water (Township).
b)	Grade / Variety / Type / Class / Size etc.	NA
c)	Brand Name	NA
d)	Declared Values,if any	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	12-04-2021
m)	Date of Start	12-04-2021
n)	Date of Completion	20-04-2021
o)	Seal (Intact/Not Intact/Unsealed)	NA
p)	IO'S Signature (Signed/Unsigned)	Unsigned
q)	Any Other Information	Sample collected by lab rep. on 09.04.2021
r)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
s)	Manufactured By#	NA
t)	Supplied By#	NA

PART B : SUPPLIMENTARY INFORMATIONS


19-04-2021
Gaurav Khandelwal
[Authorized Signatory]


Saurabh Sharma
20-04-2021
Reviewer


20-04-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 2 of 3

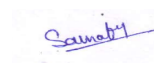
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2104120313 Sample Reg. Date :12-04-2021 Report Date :20-04-2021 Report No. :ICE-2104200551 NABL ULR No. :TC592621000003893F Customer Ref. No.:- Letter Dated :-

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

Description				
Description	STP Inlet Water (Township).			
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Pollution & Environment				
1. General Parameters				
a.	Nitrate as NO ₃ (mg/l)	IS:3025(P-34)		0.34
b.	Calcium(as Ca)(mg/l)	IS:3025(P-40)	-	69
c.	Magnesium as Mg(mg/l)	IS:3025(Part-46)	-	24
d.	Sodium(as Na)(mg/l)	IS:3025(P-45)	-	68.4
e.	Potassium as K,(mg/l)	IS:3025(P-45)		16.1
f.	Phosphate as PO ₄ (mg/l)	APHA-23rd Edition		0.44
Discipline : Biological				
Group : Pollution & Environment				
1. Microbiological Tests				
a.	Faecal Coliforms, (MPN/100ml)	APHA-23 rd Edn 17-9221 F		920
b.	<i>E.coli</i> , (MPN/100ml)	APHA-23 rd Edn 17-9221 F		920
c.	Total Coliform (MPN/100ml)	APHA-23 rd Edn 17-9221 F		1600

'#' represents Customer Defined Fields


19-04-2021
Gaurav Khandelwal
[Authorized Signatory]


Saurabh Sharma
20-04-2021
Reviewer


20-04-2021
Prem Kumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 3 of 3

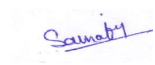
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2104120313 Sample Reg. Date :12-04-2021 Report Date :20-04-2021 Report No. :ICE-2104200551 NABL ULR No. :TC592621000003893F Customer Ref. No.:- Letter Dated :-

NOTE : NA- Not Applicable, Sampling Procedure - SOP/ITC/EW/030, Purpose - For Self monitoring

REMARKS :N/A

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


19-04-2021
Gaurav Khandelwal
[Authorized Signatory]


Saurabh Sharma
20-04-2021
Reviewer


20-04-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 1 of 3

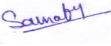
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2104120314 Sample Reg. Date :12-04-2021 Report Date :22-04-2021 Report No. :ICE-2104220587 NABL ULR No. :TC592621000003946F Customer Ref. No.: PO Letter Dated :29.10.2020

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

PART A : PARTICULARS OF SAMPLE SUBMITTED

a)	Nature of Sample #	STP Outlet Water (Township)
b)	Grade / Variety / Type / Class / Size etc.	NA
c)	Brand Name	NA
d)	Declared Values,if any	NA
e)	Code No.	
f)	Batch Number #	NA
g)	D.O.M #	NA
h)	Date of Expiry #	NA
i)	Sample Quantity #	2 Ltr
j)	Batch Size/Location #	NA
k)	Mode of Packing	Packed in can
l)	Date of Receipt	12-04-2021
m)	Date of Start	12-04-2021
n)	Date of Completion	22-04-2021
o)	Seal (Intact/Not Intact/Unsealed)	NA
p)	IO'S Signature (Signed/Unsigned)	Unsigned
q)	Any Other Information	Sample collected by lab rep. on 09.04.2021
r)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
s)	Manufactured By #	NA
t)	Supplied By #	NA

PART B : SUPPLIMENTARY INFORMATIONS


Saurabh Sharma
22-04-2021
Reviewer


22-04-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 2 of 3

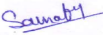
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2104120314 Sample Reg. Date :12-04-2021 Report Date :22-04-2021 Report No. :ICE-2104220587 NABL ULR No. :TC592621000003946F Customer Ref. No.: PO Letter Dated :29.10.2020

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

Description				
Description		STP Outlet Water (Township)		
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Pollution & Environment				
1. General Parameters				
a.	Colour	IS:3025(Part4):1983(RA:2017)amd. no1	Not Specified	Colourless
b.	Odour	IS:3025(Part 5):1983(RA:2017)	Not Specified	None
c.	pH Value	IS:3025 (Part - 11):1983(RA:2017)	6.5-9	7.62
d.	Total Suspended Solids,(mg/l)	IS:3025(Part 17)	Max. 100	31
e.	Total Dissolved Solids (mg/l)	IS:3025(Part 16):1984(RA.2006)	Not Specified	708
f.	Chemical Oxygen Demand(mg/l)	APHA-23rd Edition	Not Specified	125
g.	Bio-chemical Oxygen Demand, mg/l (3 days at 27°C)	IS:3025(P-44)	Max. 30	26
h.	Oil & Grease(mg/l)	IS:3025(P-39)	Max. 10	0.8
i.	Free Residual Chlorine (mg/l)	IS:3025(P-26)	Max. 1.0	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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


Saurabh Sharma
22-04-2021
Reviewer


22-04-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

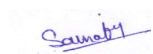
Document QF : 2501

Page 3 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2104120314 Sample Reg. Date :12-04-2021 Report Date :22-04-2021 Report No. :ICE-2104220587 NABL ULR No. :TC592621000003946F Customer Ref. No.: PO Letter Dated :29.10.2020

REMARKS :N/A

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



Saurabh Sharma
22-04-2021
Reviewer



22-04-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 1 of 3

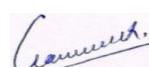
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2104120315 Sample Reg. Date :12-04-2021 Report Date :22-04-2021 Report No. :ICE-2104220595 NABL ULR No. :TC592621000003947F Customer Ref. No.: PO Letter Dated :29.10.2020

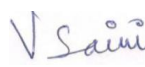
Test Report as per IS: EPA Act 1986/PCLS/2010	With Amendment No.(s):

PART A : PARTICULARS OF SAMPLE SUBMITTED

a)	Nature of Sample #	STP Outlet Water (Township).
b)	Grade / Variety / Type / Class / Size etc.	NA
c)	Brand Name	NA
d)	Declared Values,if any	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	12-04-2021
m)	Date of Start	12-04-2021
n)	Date of Completion	22-04-2021
o)	Seal (Intact/Not Intact/Unsealed)	NA
p)	IO'S Signature (Signed/Unsigned)	Unsigned
q)	Any Other Information	Sample collected by lab rep. on 09.04.2021
r)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
s)	Manufactured By #	NA
t)	Supplied By #	NA

PART B : SUPPLIMENTARY INFORMATIONS


23-04-2021
Gaurav Khandelwal
[Authorized Signatory]


Vikrant
04-05-2021
Reviewer


04-05-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

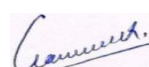
Page 2 of 3

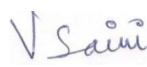
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2104120315 Sample Reg. Date :12-04-2021 Report Date :22-04-2021 Report No. :ICE-2104220595 NABL ULR No. :TC592621000003947F Customer Ref. No.: PO Letter Dated :29.10.2020

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

Description				
Description		STP Outlet Water (Township).		
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Pollution & Environment				
1. General Parameters				
a.	Nitrate as NO ₃ (mg/l)	IS 3025 (Part 34)	Max. 10	0.18
b.	Calcium(as Ca)(mg/l)	IS:3025(P-40)	Not Specified	78
c.	Magnesium as Mg(mg/l)	IS: 3025 (P-46)	Not Specified	19
d.	Sodium(as Na)(mg/l)	IS:3025(P-45)	Not Specified	76.1
e.	Potassium as K,(mg/l)	IS:3025(P-45)	Not Specified	20.4
f.	Phosphate(as PO ₄), mg/L	APHA-23rd Edition	Max. 5.0	0.18
Discipline : Biological				
Group : Pollution & Environment				
1. Microbiological Tests				
a.	Faecal Coliform, MPN/100ml	APHA-23 rd Edn 17-9221 F	Max. 1000	33
b.	<i>E.coli</i> , (MPN/100ml)	APHA 23rd Edn 17-9221 E	Not Specified	21
c.	Total Coliform (MPN/100ml)	APHA-23 rd Edn 17-9221 F	Not Specified	70

'#' represents Customer Defined Fields


 23-04-2021
 Gaurav Khandelwal
 [Authorized Signatory]


 Vikrant
 04-05-2021
 Reviewer


 04-05-2021
 PremKumar
 [Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.
 (ISO 9001:2015 & 14001:2015 OHSAS 18001:2007 Certified Laboratory)
 (A Government Approved Test House)
 86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)
 Phone : (O) 0172-2561543, 2565825
 Visit us : www.itclabs.com Email : customersupport@itclabs.com

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

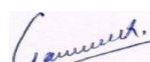
Page 3 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2104120315 Sample Reg. Date :12-04-2021 Report Date :22-04-2021 Report No. :ICE-2104220595 NABL ULR No. :TC592621000003947F Customer Ref. No.: PO Letter Dated :29.10.2020

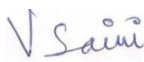
NOTE : NA- Not Applicable, Requirements as per EPA Act 1986/PCLS/2010, Sampling Procedure - SOP/ITC/EW/030, Purpose - For Self monitoring

REMARKS :N/A

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



23-04-2021
Gaurav Khandelwal
[Authorized Signatory]



Vikrant
04-05-2021
Reviewer



04-05-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 1 of 5

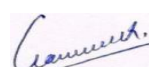
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2104200537 Sample Reg. Date :20-04-2021 Report Date :05-05-2021 Report No. :ICE-2105050077 NABL ULR No. :TC592621000004314F Customer Ref. No.: PO Letter Dated :29.10.2021

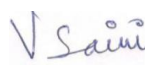
Test Report as per IS: BIS Specification IS:10500-2012	With Amendment No.(s): 02

PART A : PARTICULARS OF SAMPLE SUBMITTED

a)	Nature of Sample #	Ground Water
b)	Grade / Variety / Type / Class / Size etc.	NA
c)	Brand Name	NA
d)	Declared Values,if any	NA
e)	Code No.	
f)	Batch Number #	NA
g)	D.O.M #	NA
h)	Date of Expiry #	NA
i)	Sample Quantity #	6 Ltr
j)	Batch Size/Location #	NA
k)	Mode of Packing	Packed in bottles
l)	Date of Receipt	20-04-2021
m)	Date of Start	20-04-2021
n)	Date of Completion	05-05-2021
o)	Seal (Intact/Not Intact/Unsealed)	NA
p)	IO'S Signature (Signed/Unsigned)	Unsigned
q)	Any Other Information	Sample Collected by lab rep. Mr. Vedpal on 17.04.2021, Sample from Hand Pump Village: Khanpur Khurd
r)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
s)	Manufactured By #	NA
t)	Supplied By #	NA

PART B : SUPPLIMENTARY INFORMATIONS


04-05-2021
Gaurav Khandelwal
[Authorized Signatory]


Vikrant
05-05-2021
Reviewer


05-05-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

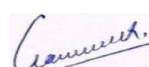
Document QF : 2501

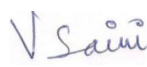
Page 2 of 5

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2104200537 Sample Reg. Date :20-04-2021 Report Date :05-05-2021 Report No. :ICE-2105050077 NABL ULR No. :TC592621000004314F Customer Ref. No.: PO Letter Dated :29.10.2021

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

Description					
Description	Ground Water				
S.No.	Parameters	Method	Acceptable Limit	Permissible Limit	Result
	Discipline : Chemical				
	Group : Water				
1.	Organoleptic & Physical Parameter				
a.	Colour (Hazen)	IS:3025(Part4):1983(RA:2017)amd. no1	5 Max.	15 Max.	4
b.	Taste	IS:3025(Part 8):1984(RA:2017)	Agreeable	-	Agreeable
c.	Odour	IS:3025(Part 5):1983(RA:2017)	Agreeable	-	Agreeable
d.	pH Value	IS:3025 (Part - 11):1983(RA:2017)	6.5-8.5	No relaxation	8.10
e.	Turbidity(NTU)	IS:3025(Part 10):1984(RA:2017)	1 Max.	5 Max.	<0.5
f.	Total Dissolved Solids,(mg/l)	IS:3025(Part 16):1984(RA:2006)	500 Max.	2000 Max.	852
2.	Parameters Concerning Undesirable Substances in excess amount				
a.	Aluminium as Al, (mg/l)	IS:3025(Part 55):RA2014	0.03 Max.	0.2 Max.	BLQ(LOQ:0.02)
b.	Ammonia (as total ammonia-N) (mg/l)	IS:3025(Part 34):1988(RA:2014)	0.5 Max.	No Relaxation	BLQ(LOQ:0.1)
c.	Anionic detergent(as MBAS),(mg/l)	IS:13428:2005(RA:2009)-Annex K	0.2 Max.	1.0 Max.	BLQ(LOQ:0.05)


 04-05-2021
 Gaurav Khandelwal
 [Authorized Signatory]


 Vikrant
 05-05-2021
 Reviewer


 05-05-2021
 Prem Kumar
 [Authorized Signatory]

Disclaimer :

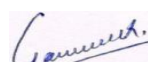
- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

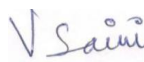
Document QF : 2501
Page 3 of 5

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2104200537 Sample Reg. Date :20-04-2021 Report Date :05-05-2021 Report No. :ICE-2105050077 NABL ULR No. :TC592621000004314F Customer Ref. No.: PO Letter Dated :29.10.2021

d.	Barium (as Ba) (mg/l)	IS:13428:2005(RA:2014)Annex. F/IS:3025(P-65)	0.7 Max.	No relaxation	BLQ(LOQ:0.3)
e.	Boron (as B) (mg/l)	Apha 23rd Edn.2017-3120 B/IS:3025(Part 57):2004(RA:2017)	0.5 Max.	2.4 Max.	BLQ(LOQ:0.5)
f.	Calcium(as Ca), (mg/l)	IS:3025(Part 40):1991(RA:2014) amd no 1	75 Max.	200 Max.	82.5
g.	Chloramines (as Cl ₂), (mg/l)	IS:3025(Part 26):1986 amd no 1(RA 2014)	4.0 Max.	No relaxation	BLQ(LOQ:0.02)
h.	Chloride(as Cl) (mg/l)	IS:3025(Part 32):1988(RA:2014)	250 Max.	1000 Max.	128
i.	Copper (as Cu) (mg/l)	IS:3025(P-65)	0.05 Max.	1.5 Max.	0.002
j.	Fluoride as F (mg/l)	IS:3025(Part 60):2008 amd. no 1(RA:2013)	1.0 Max.	1.5 Max.	0.4
k.	Phenolic compounds (as C ₆ H ₅ OH), (mg/l)	IS:3025(P-43)	0.001 Max.	0.002 Max.	BLQ(LOQ:0.001)
l.	Free Residual Chlorine, (mg/l)	IS:3025(P-26)	0.2 Min.	1.0 Max.	Not Applicable
m.	Iron (as Fe) (mg/l)	IS:3025(Part 53):2003(RA:2014)	1.0 Max.	No relaxation	BLQ(LOQ:0.01)
n.	Magnesium as Mg (mg/l)	IS:3025(Part 46):1994 amd. no. 2(RA:2014)	30 Max.	100 Max.	35
o.	Manganese as Mn, (mg/l)	Apha 23rd Edn.2017-3125 B/IS:3025(Part 59):2004(RA:2017)	0.1 Max.	0.3 Max.	BLQ(LOQ:0.1)
p.	Mineral Oil, (mg/l)	Clause 6 of IS:3025(Part39)	0.5 Max.	No Relaxation	BLQ(LOQ: 0.01)
q.	Nitrate as NO ₃ (mg/l)	IS:3025(Part 34):1988(RA:2014)	45 Max.	No Relaxation	BLQ(LOQ:1.0)
r.	Selenium (as Se) (mg/l)	IS:3025(P-65)	0.01 Max.	No Relaxation	BLQ(LOQ:0.002)
s.	Silver (as Ag) (mg/l)	IS:3025(P-65)	0.1 Max.	No Relaxation	BLQ(LOQ:0.002)
t.	Sulphate(as SO ₄) (mg/l)	IS:3025(Part 24):1986(RA:2014)	200 Max.	400 Max.	44



04-05-2021
Gaurav Khandelwal
[Authorized Signatory]



Vikrant
05-05-2021
Reviewer



05-05-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 4 of 5

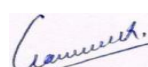
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2104200537 Sample Reg. Date :20-04-2021 Report Date :05-05-2021 Report No. :ICE-2105050077 NABL ULR No. :TC592621000004314F Customer Ref. No.: PO Letter Dated :29.10.2021

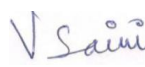
u.	Sulphide as H ₂ S, (mg/l)	IS:3025(Part 29)	0.05 Max.	No Relaxation	BLQ(LOQ:0.05)
v.	Total Alkalinity(as CaCO ₃)(mg/l)	IS:3025(Part 23)	200 Max.	600 Max.	359.7
w.	Total Hardness(as CaCO ₃), (mg/l)	IS 3025 (Part 21)	200 Max.	600 Max.	349.5
x.	Zinc(as Zn)(mg/l)	IS:3025(P-65)	5 Max.	15 Max.	0.003
3. Parameters Concerning Toxic Substances					
a.	Cadmium(as Cd)(mg/l)	IS:3025(P-65)	0.003 Max.	No Relaxation	BLQ(LOQ:0.002)
b.	Cyanide(asCN)(mg/l)	IS:3025(Part 27)	0.05 Max.	No Relaxation	BLQ(LOQ:0.01)
c.	Lead(as Pb)(mg/l)	IS:3025(P-65)	0.01 Max.	No Relaxation	BLQ(LOQ:0.002)
d.	Mercury(as Hg)(mg/l)	IS:3025(P-65)	0.001 Max.	No Relaxation	BLQ(LOQ:0.001)
e.	Molybdenum(as Mo)(mg/l)	IS:3025(P-65)	0.07 Max.	No Relaxation	BLQ(LOQ:0.002)
f.	Nickel(as Ni) (mg/l)	IS:3025(P-65)	0.02 Max.	No Relaxation	BLQ(LOQ:0.002)
g.	Total Arsenic(as As)(mg/l)	IS:3025(P-65)	0.01 Max.	No relaxation	0.006
h.	Total Chromium(as Cr)(mg/l)	IS:3025(P-65)	0.05 Max.	No Relaxation	BLQ(LOQ:0.002)
Discipline : Biological					
Group : Water					
1. Microbiological Tests					
a.	E.Coli/100 ml	IS:15185(Membrane Filtration Method)	Shall not be detectable in any 100 ml sample	-	Absent
b.	Total Coliform Count/100 ml	IS:15185(Membrane Filtration Method)	Shall not be detectable in any 100 ml sample	-	Absent

'#' represents Customer Defined Fields

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

REMARKS :The above referred sample of Ground Water conforms to BIS Specification IS:10500-2012 with upto date amdts with respect to the above tests.


04-05-2021
Gaurav Khandelwal
[Authorized Signatory]


Vikrant
05-05-2021
Reviewer


05-05-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

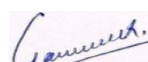
Test Report

Document QF : 2501

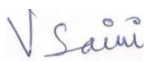
Page 5 of 5

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2104200537 Sample Reg. Date :20-04-2021 Report Date :05-05-2021 Report No. :ICE-2105050077 NABL ULR No. :TC592621000004314F Customer Ref. No.: PO Letter Dated :29.10.2021

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



04-05-2021
Gaurav Khandelwal
[Authorized Signatory]



Vikrant
05-05-2021
Reviewer



05-05-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 1 of 5

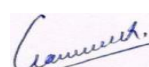
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2104200538 Sample Reg. Date :20-04-2021 Report Date :05-05-2021 Report No. :ICE-2105050078 NABL ULR No. :TC592621000004307F Customer Ref. No.: PO Letter Dated :29.10.2020

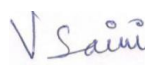
Test Report as per IS: BIS Specification IS:10500-2012	With Amendment No.(s): 02

PART A : PARTICULARS OF SAMPLE SUBMITTED

a)	Nature of Sample #	Ground Water
b)	Grade / Variety / Type / Class / Size etc.	NA
c)	Brand Name	NA
d)	Declared Values,if any	NA
e)	Code No.	
f)	Batch Number #	NA
g)	D.O.M #	NA
h)	Date of Expiry #	NA
i)	Sample Quantity #	6 Ltr
j)	Batch Size/Location #	NA
k)	Mode of Packing	Packed in bottles
l)	Date of Receipt	20-04-2021
m)	Date of Start	20-04-2021
n)	Date of Completion	05-05-2021
o)	Seal (Intact/Not Intact/Unsealed)	NA
p)	IO'S Signature (Signed/Unsigned)	Unsigned
q)	Any Other Information	Sample Collected by lab rep. Mr. Vedpal on 17.04.2021, Sample from Hand Pump Village: Khanpur Kalan
r)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
s)	Manufactured By #	NA
t)	Supplied By #	NA

PART B : SUPPLIMENTARY INFORMATIONS


04-05-2021
Gaurav Khandelwal
[Authorized Signatory]


Vikrant
05-05-2021
Reviewer


05-05-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

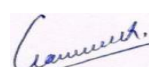
Document QF : 2501

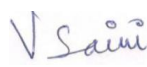
Page 2 of 5

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2104200538 Sample Reg. Date :20-04-2021 Report Date :05-05-2021 Report No. :ICE-2105050078 NABL ULR No. :TC592621000004307F Customer Ref. No.: PO Letter Dated :29.10.2020

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

Description					
Description	Ground Water				
S.No.	Parameters	Method	Acceptable Limit	Permissible Limit	Result
	Discipline : Chemical				
	Group : Water				
1.	Organoleptic & Physical Parameter				
a.	Colour (Hazen)	IS:3025(Part4):1983(RA:2017)amd. no1	5 Max.	15 Max.	4
b.	Taste	IS:3025(Part 8):1984(RA:2017)	Agreeable	-	Agreeable
c.	Odour	IS:3025(Part 5):1983(RA:2017)	Agreeable	-	Agreeable
d.	pH Value	IS:3025 (Part - 11):1983(RA:2017)	6.5-8.5	No relaxation	8.17
e.	Turbidity(NTU)	IS:3025(Part 10):1984(RA:2017)	1 Max.	5 Max.	<0.5
f.	Total Dissolved Solids,(mg/l)	IS:3025(Part 16):1984(RA:2006)	500 Max.	2000 Max.	1065
2.	Parameters Concerning Undesirable Substances in excess amount				
a.	Aluminium as Al, (mg/l)	IS:3025(Part 55):RA2014	0.03 Max.	0.2 Max.	BLQ(LOQ:0.02)
b.	Ammonia (as total ammonia-N) (mg/l)	IS:3025(Part 34):1988(RA:2014)	0.5 Max.	No Relaxation	BLQ(LOQ:0.1)
c.	Anionic detergent(as MBAS),(mg/l)	IS:13428:2005(RA:2009)-Annex K	0.2 Max.	1.0 Max.	BLQ(LOQ:0.05)


04-05-2021
Gaurav Khandelwal
[Authorized Signatory]


Vikrant
05-05-2021
Reviewer


05-05-2021
Prem Kumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

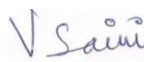
Page 3 of 5

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2104200538 Sample Reg. Date :20-04-2021 Report Date :05-05-2021 Report No. :ICE-2105050078 NABL ULR No. :TC592621000004307F Customer Ref. No.: PO Letter Dated :29.10.2020

d.	Barium (as Ba) (mg/l)	IS:13428:2005(RA:2014)Annex. F/IS:3025(P-65)	0.7 Max.	No relaxation	BLQ(LOQ:0.3)
e.	Boron (as B) (mg/l)	Apha 23rd Edn.2017-3120 B/IS:3025(Part 57):2004(RA:2017)	0.5 Max.	2.4 Max.	BLQ(LOQ:0.5)
f.	Calcium(as Ca), (mg/l)	IS:3025(Part 40):1991(RA:2014) amd no 1	75 Max.	200 Max.	85
g.	Chloramines (as Cl ₂), (mg/l)	IS:3025(Part 26):1986 amd no 1(RA 2014)	4.0 Max.	No relaxation	BLQ(LOQ:0.02)
h.	Chloride(as Cl) (mg/l)	IS:3025(Part 32):1988(RA:2014)	250 Max.	1000 Max.	203
i.	Copper (as Cu) (mg/l)	IS:3025(P-65)	0.05 Max.	1.5 Max.	BLQ(LOQ:0.002)
j.	Fluoride as F (mg/l)	IS:3025(Part 60):2008 amd. no 1(RA:2013)	1.0 Max.	1.5 Max.	0.6
k.	Phenolic compounds (as C ₆ H ₅ OH), (mg/l)	IS:3025(P-43)	0.001 Max.	0.002 Max.	BLQ(LOQ:0.001)
l.	Free Residual Chlorine, (mg/l)	IS:3025(P-26)	0.2 Min.	1.0 Max.	Not Applicable
m.	Iron (as Fe) (mg/l)	IS:3025(Part 53):2003(RA:2014)	1.0 Max.	No relaxation	BLQ(LOQ:0.01)
n.	Magnesium as Mg (mg/l)	IS:3025(Part 46):1994 amd. no. 2(RA:2014)	30 Max.	100 Max.	36.7
o.	Manganese as Mn, (mg/l)	Apha 23rd Edn.2017-3125 B/IS:3025(Part 59):2004(RA:2017)	0.1 Max.	0.3 Max.	BLQ(LOQ:0.1)
p.	Mineral Oil, (mg/l)	Clause 6 of IS:3025(Part39)	0.5 Max.	No Relaxation	BLQ(LOQ: 0.01)
q.	Nitrate as NO ₃ (mg/l)	IS:3025(Part 34):1988(RA:2014)	45 Max.	No Relaxation	BLQ(LOQ:1.0)
r.	Selenium (as Se) (mg/l)	IS:3025(P-65)	0.01 Max.	No Relaxation	BLQ(LOQ:0.002)
s.	Silver (as Ag) (mg/l)	IS:3025(P-65)	0.1 Max.	No Relaxation	BLQ(LOQ:0.002)
t.	Sulphate(as SO ₄) (mg/l)	IS:3025(Part 24):1986(RA:2014)	200 Max.	400 Max.	77



04-05-2021
Gaurav Khandelwal
[Authorized Signatory]



Vikrant
05-05-2021
Reviewer



05-05-2021
Prem Kumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 4 of 5

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2104200538 Sample Reg. Date :20-04-2021 Report Date :05-05-2021 Report No. :ICE-2105050078 NABL ULR No. :TC592621000004307F Customer Ref. No.: PO Letter Dated :29.10.2020

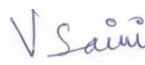
u.	Sulphide as H ₂ S, (mg/l)	IS:3025(Part 29)	0.05 Max.	No Relaxation	BLQ(LOQ:0.05)
v.	Total Alkalinity(as CaCO ₃)(mg/l)	IS:3025(Part 23)	200 Max.	600 Max.	368
w.	Total Hardness(as CaCO ₃), (mg/l)	IS 3025 (Part 21)	200 Max.	600 Max.	363.6
x.	Zinc(as Zn)(mg/l)	IS:3025(P-65)	5 Max.	15 Max.	0.051
3. Parameters Concerning Toxic Substances					
a.	Cadmium(as Cd)(mg/l)	IS:3025(P-65)	0.003 Max.	No Relaxation	BLQ(LOQ:0.002)
b.	Cyanide(asCN)(mg/l)	IS:3025(Part 27)	0.05 Max.	No Relaxation	BLQ(LOQ:0.01)
c.	Lead(as Pb)(mg/l)	IS:3025(P-65)	0.01 Max.	No Relaxation	BLQ(LOQ:0.002)
d.	Mercury(as Hg)(mg/l)	IS:3025(P-65)	0.001 Max.	No Relaxation	BLQ(LOQ:0.001)
e.	Molybdenum(as Mo)(mg/l)	IS:3025(P-65)	0.07 Max.	No Relaxation	0.021
f.	Nickel(as Ni) (mg/l)	IS:3025(P-65)	0.02 Max.	No Relaxation	BLQ(LOQ:0.002)
g.	Total Arsenic(as As)(mg/l)	IS:3025(P-65)	0.01 Max.	No relaxation	0.002
h.	Total Chromium(as Cr)(mg/l)	IS:3025(P-65)	0.05 Max.	No Relaxation	BLQ(LOQ:0.002)
Discipline : Biological					
Group : Water					
1. Microbiological Tests					
a.	E.Coli/100 ml	IS:15185(Membrane Filtration Method)	Shall not be detectable in any 100 ml sample	-	Absent
b.	Total Coliform Count/100 ml	IS:15185(Membrane Filtration Method)	Shall not be detectable in any 100 ml sample	-	Absent

'#' represents Customer Defined Fields

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

REMARKS :The above referred sample of Ground Water conforms to BIS Specification IS:10500-2012 with upto date amdots with respect to the above tests.


04-05-2021
Gaurav Khandelwal
[Authorized Signatory]


Vikrant
05-05-2021
Reviewer


05-05-2021
Prem Kumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

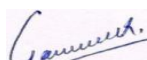
Test Report

Document QF : 2501

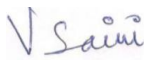
Page 5 of 5

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2104200538 Sample Reg. Date :20-04-2021 Report Date :05-05-2021 Report No. :ICE-2105050078 NABL ULR No. :TC592621000004307F Customer Ref. No.: PO Letter Dated :29.10.2020

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



04-05-2021
Gaurav Khandelwal
[Authorized Signatory]



Vikrant
05-05-2021
Reviewer



05-05-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 1 of 5

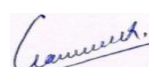
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2104200539 Sample Reg. Date :20-04-2021 Report Date :05-05-2021 Report No. :ICE-2105050079 NABL ULR No. :TC592621000004312F Customer Ref. No.: PO Letter Dated :29.10.2020

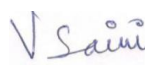
Test Report as per IS: BIS Specification IS:10500-2012	With Amendment No.(s): 02

PART A : PARTICULARS OF SAMPLE SUBMITTED

a)	Nature of Sample #	Ground Water
b)	Grade / Variety / Type / Class / Size etc.	NA
c)	Brand Name	NA
d)	Declared Values,if any	NA
e)	Code No.	
f)	Batch Number #	NA
g)	D.O.M #	NA
h)	Date of Expiry #	NA
i)	Sample Quantity #	6 Ltr
j)	Batch Size/Location #	NA
k)	Mode of Packing	Packed in bottles
l)	Date of Receipt	20-04-2021
m)	Date of Start	20-04-2021
n)	Date of Completion	05-05-2021
o)	Seal (Intact/Not Intact/Unsealed)	NA
p)	IO'S Signature (Signed/Unsigned)	Unsigned
q)	Any Other Information	Sample Collected by lab rep. Mr. Vedpal on 17.04.2021, Sample from Hand Pump Village: Wazitpur
r)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
s)	Manufactured By #	NA
t)	Supplied By #	NA

PART B : SUPPLIMENTARY INFORMATIONS


04-05-2021
Gaurav Khandelwal
[Authorized Signatory]


Vikrant
05-05-2021
Reviewer


05-05-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

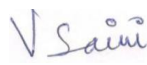
Page 2 of 5

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2104200539 Sample Reg. Date :20-04-2021 Report Date :05-05-2021 Report No. :ICE-2105050079 NABL ULR No. :TC592621000004312F Customer Ref. No.: PO Letter Dated :29.10.2020

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

Description					
Description	Ground Water				
S.No.	Parameters	Method	Acceptable Limit	Permissible Limit	Result
	Discipline : Chemical				
	Group : Water				
1.	Organoleptic & Physical Parameter				
a.	Colour (Hazen)	IS:3025(Part4):1983(RA:2017)amd. no1	5 Max.	15 Max.	4
b.	Taste	IS:3025(Part 8):1984(RA:2017)	Agreeable	-	Agreeable
c.	Odour	IS:3025(Part 5):1983(RA:2017)	Agreeable	-	Agreeable
d.	pH Value	IS:3025 (Part - 11):1983(RA:2017)	6.5-8.5	No relaxation	8.19
e.	Turbidity(NTU)	IS:3025(Part 10):1984(RA:2017)	1 Max.	5 Max.	<0.5
f.	Total Dissolved Solids,(mg/l)	IS:3025(Part 16):1984(RA:2006)	500 Max.	2000 Max.	965
2.	Parameters Concerning Undesirable Substances in excess amount				
a.	Aluminium as Al, (mg/l)	IS:3025(Part 55):RA2014	0.03 Max.	0.2 Max.	BLQ(LOQ:0.02)
b.	Ammonia (as total ammonia-N) (mg/l)	IS:3025(Part 34):1988(RA:2014)	0.5 Max.	No Relaxation	BLQ(LOQ:0.1)
c.	Anionic detergent(as MBAS),(mg/l)	IS:13428:2005(RA:2009)-Annex K	0.2 Max.	1.0 Max.	BLQ(LOQ:0.05)


 04-05-2021
 Gaurav Khandelwal
 [Authorized Signatory]


 Vikrant
 05-05-2021
 Reviewer


 05-05-2021
 Prem Kumar
 [Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

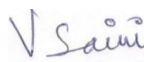
Page 3 of 5

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2104200539 Sample Reg. Date :20-04-2021 Report Date :05-05-2021 Report No. :ICE-2105050079 NABL ULR No. :TC592621000004312F Customer Ref. No.: PO Letter Dated :29.10.2020

d.	Barium (as Ba) (mg/l)	IS:13428:2005(RA:2014)Annex. F/IS:3025(P-65)	0.7 Max.	No relaxation	BLQ(LOQ:0.3)
e.	Boron (as B) (mg/l)	Apha 23rd Edn.2017-3120 B/IS:3025(Part 57):2004(RA:2017)	0.5 Max.	2.4 Max.	BLQ(LOQ:0.5)
f.	Calcium(as Ca), (mg/l)	IS:3025(Part 40):1991(RA:2014) amd no 1	75 Max.	200 Max.	76.8
g.	Chloramines (as Cl ₂), (mg/l)	IS:3025(Part 26):1986 amd no 1(RA 2014)	4.0 Max.	No relaxation	BLQ(LOQ:0.02)
h.	Chloride(as Cl) (mg/l)	IS:3025(Part 32):1988(RA:2014)	250 Max.	1000 Max.	191
i.	Copper (as Cu) (mg/l)	IS:3025(P-65)	0.05 Max.	1.5 Max.	BLQ(LOQ:0.002)
j.	Fluoride as F (mg/l)	IS:3025(Part 60):2008 amd. no 1(RA:2013)	1.0 Max.	1.5 Max.	0.5
k.	Phenolic compounds (as C ₆ H ₅ OH), (mg/l)	IS:3025(P-43)	0.001 Max.	0.002 Max.	BLQ(LOQ:0.001)
l.	Free Residual Chlorine, (mg/l)	IS:3025(P-26)	0.2 Min.	1.0 Max.	Not Applicable
m.	Iron (as Fe) (mg/l)	IS:3025(Part 53):2003(RA:2014)	1.0 Max.	No relaxation	BLQ(LOQ:0.01)
n.	Magnesium as Mg (mg/l)	IS:3025(Part 46):1994 amd. no. 2(RA:2014)	30 Max.	100 Max.	32.3
o.	Manganese as Mn, (mg/l)	Apha 23rd Edn.2017-3125 B/IS:3025(Part 59):2004(RA:2017)	0.1 Max.	0.3 Max.	BLQ(LOQ:0.1)
p.	Mineral Oil, (mg/l)	Clause 6 of IS:3025(Part39)	0.5 Max.	No Relaxation	BLQ(LOQ: 0.01)
q.	Nitrate as NO ₃ (mg/l)	IS:3025(Part 34):1988(RA:2014)	45 Max.	No Relaxation	BLQ(LOQ:1.0)
r.	Selenium (as Se) (mg/l)	IS:3025(P-65)	0.01 Max.	No Relaxation	BLQ(LOQ:0.002)
s.	Silver (as Ag) (mg/l)	IS:3025(P-65)	0.1 Max.	No Relaxation	BLQ(LOQ:0.002)
t.	Sulphate(as SO ₄) (mg/l)	IS:3025(Part 24):1986(RA:2014)	200 Max.	400 Max.	65



04-05-2021
Gaurav Khandelwal
[Authorized Signatory]



Vikrant
05-05-2021
Reviewer



05-05-2021
Prem Kumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 4 of 5

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2104200539
	Sample Reg. Date :20-04-2021
	Report Date :05-05-2021
	Report No. :ICE-2105050079
	NABL ULR No. :TC592621000004312F
	Customer Ref. No.: PO
	Letter Dated :29.10.2020

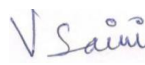
u.	Sulphide as H ₂ S, (mg/l)	IS:3025(Part 29)	0.05 Max.	No Relaxation	BLQ(LOQ:0.05)
v.	Total Alkalinity(as CaCO ₃)(mg/l)	IS:3025(Part 23)	200 Max.	600 Max.	333.5
w.	Total Hardness(as CaCO ₃), (mg/l)	IS 3025 (Part 21)	200 Max.	600 Max.	325
x.	Zinc(as Zn)(mg/l)	IS:3025(P-65)	5 Max.	15 Max.	0.002
3.	Parameters Concerning Toxic Substances				
a.	Cadmium(as Cd)(mg/l)	IS:3025(P-65)	0.003 Max.	No Relaxation	BLQ(LOQ:0.002)
b.	Cyanide(asCN)(mg/l)	IS:3025(Part 27)	0.05 Max.	No Relaxation	BLQ(LOQ:0.01)
c.	Lead(as Pb)(mg/l)	IS:3025(P-65)	0.01 Max.	No Relaxation	BLQ(LOQ:0.002)
d.	Mercury(as Hg)(mg/l)	IS:3025(P-65)	0.001 Max.	No Relaxation	BLQ(LOQ:0.001)
e.	Molybdenum(as Mo)(mg/l)	IS:3025(P-65)	0.07 Max.	No Relaxation	0.023
f.	Nickel(as Ni) (mg/l)	IS:3025(P-65)	0.02 Max.	No Relaxation	BLQ(LOQ:0.002)
g.	Total Arsenic(as As)(mg/l)	IS:3025(P-65)	0.01 Max.	No relaxation	0.002
h.	Total Chromium(as Cr)(mg/l)	IS:3025(P-65)	0.05 Max.	No Relaxation	BLQ(LOQ:0.002)
	Discipline : Biological				
	Group : Water				
1.	Microbiological Tests				
a.	E.Coli/100 ml	IS:15185(Membrane Filtration Method)	Shall not be detectable in any 100 ml sample	-	Absent
b.	Total Coliform Count/100 ml	IS:15185(Membrane Filtration Method)	Shall not be detectable in any 100 ml sample	-	Absent

'#' represents Customer Defined Fields

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

REMARKS :The above referred sample of Ground Water conforms to BIS Specification IS:10500-2012 with upto date amdots with respect to the above tests.


04-05-2021
Gaurav Khandelwal
[Authorized Signatory]


Vikrant
05-05-2021
Reviewer


05-05-2021
Prem Kumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

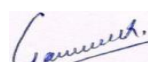
Test Report

Document QF : 2501

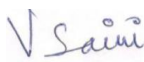
Page 5 of 5

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2104200539 Sample Reg. Date :20-04-2021 Report Date :05-05-2021 Report No. :ICE-2105050079 NABL ULR No. :TC592621000004312F Customer Ref. No.: PO Letter Dated :29.10.2020

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



04-05-2021
Gaurav Khandelwal
[Authorized Signatory]



Vikrant
05-05-2021
Reviewer



05-05-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 1 of 5

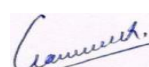
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2104200540 Sample Reg. Date :20-04-2021 Report Date :05-05-2021 Report No. :ICE-2105050080 NABL ULR No. :TC592621000004338F Customer Ref. No.: PO Letter Dated :29.10.2020

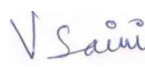
Test Report as per IS: BIS Specification IS:10500-2012	With Amendment No.(s): 02

PART A : PARTICULARS OF SAMPLE SUBMITTED

a)	Nature of Sample #	Ground Water
b)	Grade / Variety / Type / Class / Size etc.	NA
c)	Brand Name	NA
d)	Declared Values,if any	NA
e)	Code No.	
f)	Batch Number #	NA
g)	D.O.M #	NA
h)	Date of Expiry #	NA
i)	Sample Quantity #	6 Ltr
j)	Batch Size/Location #	NA
k)	Mode of Packing	Packed in bottles
l)	Date of Receipt	20-04-2021
m)	Date of Start	20-04-2021
n)	Date of Completion	05-05-2021
o)	Seal (Intact/Not Intact/Unsealed)	NA
p)	IO'S Signature (Signed/Unsigned)	Unsigned
q)	Any Other Information	Sample Collected by lab rep. Mr. Vedpal on 17.04.2021, Sample from Hand Pump Village: Jhamri
r)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
s)	Manufactured By #	NA
t)	Supplied By #	NA

PART B : SUPPLIMENTARY INFORMATIONS


04-05-2021
Gaurav Khandelwal
[Authorized Signatory]


Vikrant
05-05-2021
Reviewer


05-05-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

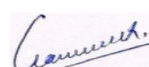
Document QF : 2501

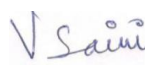
Page 2 of 5

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2104200540 Sample Reg. Date :20-04-2021 Report Date :05-05-2021 Report No. :ICE-2105050080 NABL ULR No. :TC592621000004338F Customer Ref. No.: PO Letter Dated :29.10.2020

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

Description					
Description	Ground Water				
S.No.	Parameters	Method	Acceptable Limit	Permissible Limit	Result
	Discipline : Chemical				
	Group : Water				
1.	Organoleptic & Physical Parameter				
a.	Colour (Hazen)	IS:3025(Part4):1983(RA:2017)amd. no1	5 Max.	15 Max.	4
b.	Taste	IS:3025(Part 8):1984(RA:2017)	Agreeable	-	Agreeable
c.	Odour	IS:3025(Part 5):1983(RA:2017)	Agreeable	-	Agreeable
d.	pH Value	IS:3025 (Part - 11):1983(RA:2017)	6.5-8.5	No relaxation	8.07
e.	Turbidity(NTU)	IS:3025(Part 10):1984(RA:2017)	1 Max.	5 Max.	<0.5
f.	Total Dissolved Solids,(mg/l)	IS:3025(Part 16):1984(RA:2006)	500 Max.	2000 Max.	800
2.	Parameters Concerning Undesirable Substances in excess amount				
a.	Aluminium as Al, (mg/l)	IS:3025(Part 55):RA2014	0.03 Max.	0.2 Max.	BLQ(LOQ:0.02)
b.	Ammonia (as total ammonia-N) (mg/l)	IS:3025(Part 34):1988(RA:2014)	0.5 Max.	No Relaxation	BLQ(LOQ:0.1)
c.	Anionic detergent(as MBAS),(mg/l)	IS:13428:2005(RA:2009)-Annex K	0.2 Max.	1.0 Max.	BLQ(LOQ:0.05)


 04-05-2021
 Gaurav Khandelwal
 [Authorized Signatory]


 Vikrant
 05-05-2021
 Reviewer


 05-05-2021
 Prem Kumar
 [Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

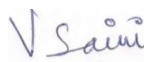
Page 3 of 5

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2104200540 Sample Reg. Date :20-04-2021 Report Date :05-05-2021 Report No. :ICE-2105050080 NABL ULR No. :TC592621000004338F Customer Ref. No.: PO Letter Dated :29.10.2020

d.	Barium (as Ba) (mg/l)	IS:13428:2005(RA:2014)Annex. F/IS:3025(P-65)	0.7 Max.	No relaxation	BLQ(LOQ:0.3)
e.	Boron (as B) (mg/l)	Apha 23rd Edn.2017-3120 B/IS:3025(Part 57):2004(RA:2017)	0.5 Max.	2.4 Max.	BLQ(LOQ:0.5)
f.	Calcium(as Ca), (mg/l)	IS:3025(Part 40):1991(RA:2014) amd no 1	75 Max.	200 Max.	72
g.	Chloramines (as Cl ₂), (mg/l)	IS:3025(Part 26):1986 amd no 1(RA 2014)	4.0 Max.	No relaxation	BLQ(LOQ:0.02)
h.	Chloride(as Cl) (mg/l)	IS:3025(Part 32):1988(RA:2014)	250 Max.	1000 Max.	112
i.	Copper (as Cu) (mg/l)	IS:3025(P-65)	0.05 Max.	1.5 Max.	BLQ(LOQ:0.002)
j.	Fluoride as F (mg/l)	IS:3025(Part 60):2008 amd. no 1(RA:2013)	1.0 Max.	1.5 Max.	0.6
k.	Phenolic compounds (as C ₆ H ₅ OH), (mg/l)	IS:3025(P-43)	0.001 Max.	0.002 Max.	BLQ(LOQ:0.001)
l.	Free Residual Chlorine, (mg/l)	IS:3025(P-26)	0.2 Min.	1.0 Max.	Not Applicable
m.	Iron (as Fe) (mg/l)	IS:3025(Part 53):2003(RA:2014)	1.0 Max.	No relaxation	BLQ(LOQ:0.01)
n.	Magnesium as Mg (mg/l)	IS:3025(Part 46):1994 amd. no. 2(RA:2014)	30 Max.	100 Max.	23.6
o.	Manganese as Mn, (mg/l)	Apha 23rd Edn.2017-3125 B/IS:3025(Part 59):2004(RA:2017)	0.1 Max.	0.3 Max.	BLQ(LOQ:0.1)
p.	Mineral Oil, (mg/l)	Clause 6 of IS:3025(Part39)	0.5 Max.	No Relaxation	BLQ(LOQ: 0.01)
q.	Nitrate as NO ₃ (mg/l)	IS:3025(Part 34):1988(RA:2014)	45 Max.	No Relaxation	BLQ(LOQ:1.0)
r.	Selenium (as Se) (mg/l)	IS:3025(P-65)	0.01 Max.	No Relaxation	BLQ(LOQ:0.002)
s.	Silver (as Ag) (mg/l)	IS:3025(P-65)	0.1 Max.	No Relaxation	BLQ(LOQ:0.002)
t.	Sulphate(as SO ₄) (mg/l)	IS:3025(Part 24):1986(RA:2014)	200 Max.	400 Max.	41



04-05-2021
Gaurav Khandelwal
[Authorized Signatory]



Vikrant
05-05-2021
Reviewer



05-05-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 4 of 5

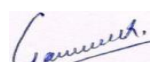
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2104200540
	Sample Reg. Date :20-04-2021
	Report Date :05-05-2021
	Report No. :ICE-2105050080
	NABL ULR No. :TC592621000004338F
	Customer Ref. No.: PO
	Letter Dated :29.10.2020

u.	Sulphide as H ₂ S, (mg/l)	IS:3025(Part 29)	0.05 Max.	No Relaxation	BLQ(LOQ:0.05)
v.	Total Alkalinity(as CaCO ₃)(mg/l)	IS:3025(Part 23)	200 Max.	600 Max.	270
w.	Total Hardness(as CaCO ₃), (mg/l)	IS 3025 (Part 21)	200 Max.	600 Max.	277
x.	Zinc(as Zn)(mg/l)	IS:3025(P-65)	5 Max.	15 Max.	0.002
3.	Parameters Concerning Toxic Substances				
a.	Cadmium(as Cd)(mg/l)	IS:3025(P-65)	0.003 Max.	No Relaxation	BLQ(LOQ:0.002)
b.	Cyanide(as CN)(mg/l)	IS:3025(Part 27)	0.05 Max.	No Relaxation	BLQ(LOQ:0.01)
c.	Lead(as Pb)(mg/l)	IS:3025(P-65)	0.01 Max.	No Relaxation	BLQ(LOQ:0.002)
d.	Mercury(as Hg)(mg/l)	IS:3025(P-65)	0.001 Max.	No Relaxation	BLQ(LOQ:0.001)
e.	Molybdenum(as Mo)(mg/l)	IS:3025(P-65)	0.07 Max.	No Relaxation	0.002
f.	Nickel(as Ni) (mg/l)	IS:3025(P-65)	0.02 Max.	No Relaxation	BLQ(LOQ:0.002)
g.	Total Arsenic(as As)(mg/l)	IS:3025(P-65)	0.01 Max.	No relaxation	0.007
h.	Total Chromium(as Cr)(mg/l)	IS:3025(P-65)	0.05 Max.	No Relaxation	BLQ(LOQ:0.002)
	Discipline : Biological				
	Group : Water				
1.	Microbiological Tests				
a.	E.Coli/100 ml	IS:15185(Membrane Filtration Method)	Shall not be detectable in any 100 ml sample	-	Absent
b.	Total Coliform Count/100 ml	IS:15185(Membrane Filtration Method)	Shall not be detectable in any 100 ml sample	-	Absent

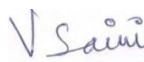
'#' represents Customer Defined Fields

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

REMARKS :The above referred sample of Ground Water conforms to BIS Specification IS:10500-2012 with upto date amdts with respect to the above tests.



04-05-2021
Gaurav Khandelwal
[Authorized Signatory]



Vikrant
05-05-2021
Reviewer



05-05-2021
Prem Kumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

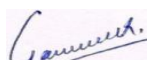
Test Report

Document QF : 2501

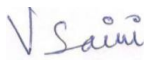
Page 5 of 5

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2104200540 Sample Reg. Date :20-04-2021 Report Date :05-05-2021 Report No. :ICE-2105050080 NABL ULR No. :TC592621000004338F Customer Ref. No.: PO Letter Dated :29.10.2020

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



04-05-2021
Gaurav Khandelwal
[Authorized Signatory]



Vikrant
05-05-2021
Reviewer



05-05-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

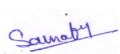
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2104200536 Sample Reg. Date :20-04-2021 Report Date :23-04-2021 Report No. :ICE-2104230600 NABL ULR No. :TC592621000003963F Customer Ref. No.: PO Letter Dated :29.10.2020

Test Report as per :	: EPA Act 1986/PCLS/2010
General Information : Name of Sample Date of Monitoring Time of Monitoring Nature of Industry Purpose of Monitoring	: Ambient Noise : 17-04-2021 : Day & Night : Thermal Power Plant : 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 (Reaffirmed 2014)	Max. 75.0	70.7
b.	Near Gate No.1 (Night Time), Leq dB (A)	IS: 9989 (Reaffirmed 2014)	Max. 70.0	68.7
c.	Near Gate No.2 (Day Time), Leq dB (A)	IS: 9989 (Reaffirmed 2014)	Max. 75.0	69.3
d.	Near Gate No.2 (Night Time), Leq dB (A)	IS: 9989 (Reaffirmed 2014)	Max. 70.0	68.6
e.	Near Gate No.3 (Day Time), Leq dB (A)	IS: 9989 (Reaffirmed 2014)	Max. 75.0	66.1
f.	Near Gate No.3 (Night Time), Leq dB (A)	IS: 9989 (Reaffirmed 2014)	Max. 70.0	64.6
g.	Near Guest House (Day Time), Leq dB (A)	IS: 9989 (Reaffirmed 2014)	Max. 75.0	59.1
h.	Near Guest House (Night Time), Leq dB (A)	IS: 9989 (Reaffirmed 2014)	Max. 70.0	53.7


Saurabh Sharma
23-04-2021
Reviewer


23-04-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2104200536 Sample Reg. Date :20-04-2021 Report Date :23-04-2021 Report No. :ICE-2104230600 NABL ULR No. :TC592621000003963F Customer Ref. No.: PO Letter Dated :29.10.2020

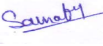
i.	Near D Block (Day Time), Leq dB (A)	IS: 9989 (Reaffirmed 2014)	Max. 75.0	55.2
j.	Near D Block (Night Time), Leq dB (A)	IS: 9989 (Reaffirmed 2014)	Max. 70.0	52.4

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
23-04-2021
Reviewer


23-04-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Annexure-II

Test Report

Document QF : 2501
Page 1 of 2

Issued To	Sample Reg. No. :E01-2105080098
Jhajjar Power Limited	Sample Reg. Date :08-05-2021
Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar	Report Date :27-05-2021
Jhajjar	Report No. :ICE-2105270499
	NABL ULR No. :TC592621000004920F
	Customer Ref. No. :Order No.5030010814
	Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Guest House
Date of Monitoring	: 02-05-2021
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.32
Volume of air sampled, m ³	: 1790.69
Avg. Ambient Temperature, °C	: 35

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	9.40
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	12.60
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	85.22
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	41.24
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ(LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	BLQ (LOQ:1.0)
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ(LOQ:5.0)
i.	Benzene (C ₆ H ₆), µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)

Saurabh Sharma
27-05-2021
Reviewer

27-05-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2105080098 Sample Reg. Date :08-05-2021 Report Date :27-05-2021 Report No. :ICE-2105270499 NABL ULR No. :TC592621000004920F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
27-05-2021
Reviewer


27-05-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

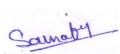
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2105080099 Sample Reg. Date :08-05-2021 Report Date :27-05-2021 Report No. :ICE-2105270500 NABL ULR No. :TC592621000004921F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information : Location of Sampling Point Date of Monitoring Purpose of Monitoring Duration of Monitoring, minutes Avg. Flow Rate of Sampling, m3/min Volume of air sampled, m3 Avg. Ambient Temperature, °C	: Near Gate No.3 : 02-05-2021 : For Self Monitoring : 1440 : 1.32 : 1796.52 : 34

Description				
Description	Ambient Air quality Monitoring			
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Atmospheric Pollution				
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	12.23
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	17.51
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	94.29
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	50.08
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ (LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	1.2
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)
i.	Benzene (C ₆ H ₆), µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)


Saurabh Sharma
27-05-2021
Reviewer


27-05-2021
Prem Kumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2105080099 Sample Reg. Date :08-05-2021 Report Date :27-05-2021 Report No. :ICE-2105270500 NABL ULR No. :TC592621000004921F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
27-05-2021
Reviewer


27-05-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 1 of 2

Issued To	Sample Reg. No. :E01-2105080100
Jhajjar Power Limited	Sample Reg. Date :08-05-2021
Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar	Report Date :27-05-2021
Jhajjar	Report No. :ICE-2105270501
	NABL ULR No. :TC592621000004919F
	Customer Ref. No. :Order No.5030010814
	Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Village- Khanpur
Date of Monitoring	: 02-05-2021
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.33
Volume of air sampled,m3	: 1798.41
Avg. Ambient Temperature,°C	: 36

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂),µg/m ³	IS:5182(P-2)	80 Max	12.73
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS:5182(P-6)	80 Max	19.92
c.	Particulate Matter (PM ₁₀),µg/m ³	IS:5182(P-23)	100 Max	91.58
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW-01	60 Max	47.55
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	BLQ (LOQ:14)
f.	Lead(As Pb),µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	1.3
h.	Ammonia(NH ₃),µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)

Saurabh Sharma
27-05-2021
Reviewer

27-05-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2105080100 Sample Reg. Date :08-05-2021 Report Date :27-05-2021 Report No. :ICE-2105270501 NABL ULR No. :TC592621000004919F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

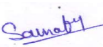
j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
27-05-2021
Reviewer


27-05-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

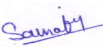
Test Report

Document QF : 2501
Page 1 of 2

Issued To	Sample Reg. No. :E01-2105080101
Jhajjar Power Limited	Sample Reg. Date :08-05-2021
Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar	Report Date :27-05-2021
Jhajjar	Report No. :ICE-2105270502
	NABL ULR No. :TC592621000004913F
	Customer Ref. No. :Order No.5030010814
	Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Shakti Vihar
Date of Monitoring	: 02-05-2021
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.33
Volume of air sampled, m ³	: 1810.13
Avg. Ambient Temperature, °C	: 34

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	6.11
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	9.46
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	81.87
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	37.45
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ (LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	BLQ (LOQ:1.0)
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)
i.	Benzene (C ₆ H ₆), µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)


Saurabh Sharma
27-05-2021
Reviewer


27-05-2021
Prem Kumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2105080101 Sample Reg. Date :08-05-2021 Report Date :27-05-2021 Report No. :ICE-2105270502 NABL ULR No. :TC592621000004913F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

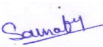
j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
27-05-2021
Reviewer


27-05-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 1 of 2

Issued To	Sample Reg. No. :E01-2105080102
Jhajjar Power Limited	Sample Reg. Date :08-05-2021
Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar	Report Date :27-05-2021
Jhajjar	Report No. :ICE-2105270503
	NABL ULR No. :TC592621000004912F
	Customer Ref. No. :Order No.5030010814
	Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Guest House
Date of Monitoring	: 06-05-2021
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.33
Volume of air sampled, m ³	: 1810.13
Avg. Ambient Temperature, °C	: 34

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	7.34
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	9.60
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	81.10
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	30.30
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ (LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	BLQ (LOQ:1.0)
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)
i.	Benzene (C ₆ H ₆), µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)

Saurabh Sharma
27-05-2021
Reviewer

27-05-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2105080102 Sample Reg. Date :08-05-2021 Report Date :27-05-2021 Report No. :ICE-2105270503 NABL ULR No. :TC592621000004912F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

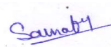
j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
27-05-2021
Reviewer


27-05-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 1 of 2

Issued To	Sample Reg. No. :E01-2105080103
Jhajjar Power Limited	Sample Reg. Date :08-05-2021
Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar	Report Date :27-05-2021
Jhajjar	Report No. :ICE-2105270504
	NABL ULR No. :TC592621000004911F
	Customer Ref. No. :Order No.5030010814
	Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Gate No.3
Date of Monitoring	: 06-05-2021
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.33
Volume of air sampled,m3	: 1804.25
Avg. Ambient Temperature,°C	: 35

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂),µg/m ³	IS:5182(P-2)	80 Max	10.23
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS:5182(P-6)	80 Max	14.88
c.	Particulate Matter (PM ₁₀),µg/m ³	IS:5182(P-23)	100 Max	88.57
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW-01	60 Max	43.77
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	BLQ (LOQ:14)
f.	Lead(As Pb),µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	1.3
h.	Ammonia(NH ₃),µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)

Saurabh Sharma
27-05-2021
Reviewer

27-05-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2105080103 Sample Reg. Date :08-05-2021 Report Date :27-05-2021 Report No. :ICE-2105270504 NABL ULR No. :TC592621000004911F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

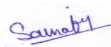
j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
27-05-2021
Reviewer


27-05-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 1 of 2

Issued To	Sample Reg. No. :E01-2105080104
Jhajjar Power Limited	Sample Reg. Date :08-05-2021
Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar	Report Date :27-05-2021
Jhajjar	Report No. :ICE-2105270505
	NABL ULR No. :TC592621000004910F
	Customer Ref. No. :Order No.5030010814
	Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Village-Khanpur
Date of Monitoring	: 06-05-2021
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.33
Volume of air sampled, m ³	: 1810.13
Avg. Ambient Temperature, °C	: 34

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	12.64
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	17.37
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	93.86
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	51.35
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ (LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	1.4
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)
i.	Benzene (C ₆ H ₆), µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)

Saurabh Sharma
27-05-2021
Reviewer

27-05-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2105080104 Sample Reg. Date :08-05-2021 Report Date :27-05-2021 Report No. :ICE-2105270505 NABL ULR No. :TC592621000004910F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

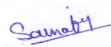
j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
27-05-2021
Reviewer


27-05-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2105080105 Sample Reg. Date :08-05-2021 Report Date :27-05-2021 Report No. :ICE-2105270506 NABL ULR No. :TC592621000004909F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information : Location of Sampling Point Date of Monitoring Purpose of Monitoring Duration of Monitoring, minutes Avg. Flow Rate of Sampling, m ³ /min Volume of air sampled, m ³ Avg. Ambient Temperature, °C	: Near Shakti Vihar : 06-05-2021 : For Self Monitoring : 1440 : 1.33 : 1822.00 : 32

Description				
Description	Ambient Air Quality Monitoring			
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Atmospheric Pollution				
1. Ambient Air Quality Parameters				
a.	Sulphur Dioxide(SO ₂), μg/m ³	IS:5182(P-2)	80 Max	7.69
b.	Nitrogen Dioxide(NO ₂), μg/m ³	IS:5182(P-6)	80 Max	12.34
c.	Particulate Matter (PM ₁₀), μg/m ³	IS:5182(P-23)	100 Max	87.82
d.	Particulate matter (PM _{2.5}), μg/m ³	STP/ITC/EW-01	60 Max	39.56
e.	Ozone(O ₃), μg/m ³	IS:5182(P-9)	180 Max	BLQ (LOQ:14)
f.	Lead(As Pb), μg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	BLQ (LOQ:1.0)
h.	Ammonia(NH ₃), μg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)
i.	Benzene (C ₆ H ₆), μg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)

Saurabh Sharma
27-05-2021
Reviewer

27-05-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2105080105 Sample Reg. Date :08-05-2021 Report Date :27-05-2021 Report No. :ICE-2105270506 NABL ULR No. :TC592621000004909F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
27-05-2021
Reviewer


27-05-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 1 of 2

Issued To	Sample Reg. No. :E01-2105270534
Jhajjar Power Limited	Sample Reg. Date :27-05-2021
Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar	Report Date :03-06-2021
Jhajjar	Report No. :ICE-2106030064
	NABL ULR No. :TC592621000005263F
	Customer Ref. No. :Order No.5030010814
	Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Guest House
Date of Monitoring	: 10-05-2021
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	: 1823.74
Avg. Ambient Temperature, °C	: 34

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	6.52
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	8.76
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	86.20
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	32.83
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ(LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ: 0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	BLQ (LOQ:1.0)
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ(LOQ:5.0)
i.	Benzene (C ₆ H ₆), µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)

Saurabh Sharma
03-06-2021
Reviewer

03-06-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2105270534 Sample Reg. Date :27-05-2021 Report Date :03-06-2021 Report No. :ICE-2106030064 NABL ULR No. :TC592621000005263F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ: 1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ: 1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
03-06-2021
Reviewer


03-06-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

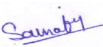
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2105270535 Sample Reg. Date :27-05-2021 Report Date :03-06-2021 Report No. :ICE-2106030065 NABL ULR No. :TC592621000005256F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Gate No.3
Date of Monitoring	: 10-05-2021
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.33
Volume of air sampled, m ³	: 1816.04
Avg. Ambient Temperature, °C	: 33

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	9.75
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	14.92
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	89.97
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	41.24
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ(LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ: 0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	1.1
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ(LOQ:5.0)
i.	Benzene (C ₆ H ₆), µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)


Saurabh Sharma
03-06-2021
Reviewer


03-06-2021
Prem Kumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2105270535 Sample Reg. Date :27-05-2021 Report Date :03-06-2021 Report No. :ICE-2106030065 NABL ULR No. :TC592621000005256F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ: 1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ: 1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
03-06-2021
Reviewer


03-06-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 1 of 2

Issued To	Sample Reg. No. :E01-2105270536
Jhajjar Power Limited	Sample Reg. Date :27-05-2021
Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar	Report Date :03-06-2021
Jhajjar	Report No. :ICE-2106030066
	NABL ULR No. :TC592621000005258F
	Customer Ref. No. :Order No.5030010814
	Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Village - Khanpur
Date of Monitoring	: 10-05-2021
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.34
Volume of air sampled, m ³	: 1817.82
Avg. Ambient Temperature, °C	: 35

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	10.63
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	16.73
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	91.98
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	43.35
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ(LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ: 0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	1.2
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ(LOQ:5.0)
i.	Benzene (C ₆ H ₆), µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)

Saurabh Sharma
03-06-2021
Reviewer

03-06-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2105270536 Sample Reg. Date :27-05-2021 Report Date :03-06-2021 Report No. :ICE-2106030066 NABL ULR No. :TC592621000005258F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

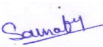
j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ: 1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ: 1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
03-06-2021
Reviewer


03-06-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 1 of 2

Issued To	Sample Reg. No. :E01-2105270537
Jhajjar Power Limited	Sample Reg. Date :27-05-2021
Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar	Report Date :03-06-2021
Jhajjar	Report No. :ICE-2106030067
	NABL ULR No. :TC592621000005262F
	Customer Ref. No. :Order No.5030010814
	Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Shakti Vihar
Date of Monitoring	: 10-05-2021
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	: 1823.74
Avg. Ambient Temperature, °C	: 34

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	4.89
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	6.78
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	81.97
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	32.83
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ(LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ: 0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	BLQ (LOQ:1.0)
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ(LOQ:5.0)
i.	Benzene (C ₆ H ₆), µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)

Saurabh Sharma
03-06-2021
Reviewer

03-06-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2105270537 Sample Reg. Date :27-05-2021 Report Date :03-06-2021 Report No. :ICE-2106030067 NABL ULR No. :TC592621000005262F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

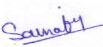
j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ: 1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ: 1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
03-06-2021
Reviewer


03-06-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

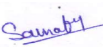
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2105270538 Sample Reg. Date :27-05-2021 Report Date :03-06-2021 Report No. :ICE-2106030068 NABL ULR No. :TC592621000005257F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Guest House
Date of Monitoring	: 13-05-2021
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.33
Volume of air sampled, m ³	: 1804.25
Avg. Ambient Temperature, °C	: 35

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	6.21
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	10.27
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	76.26
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	31.98
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ(LOQ : 14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ: 0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	BLQ (LOQ:1.0)
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ(LOQ : 5.0)
i.	Benzene (C ₆ H ₆), µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)


Saurabh Sharma
03-06-2021
Reviewer


03-06-2021
Prem Kumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2105270538 Sample Reg. Date :27-05-2021 Report Date :03-06-2021 Report No. :ICE-2106030068 NABL ULR No. :TC592621000005257F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

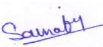
j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ: 1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ: 1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
03-06-2021
Reviewer


03-06-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

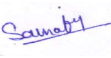
Test Report

Document QF : 2501
Page 1 of 2

Issued To	Sample Reg. No. :E01-2105270539
Jhajjar Power Limited	Sample Reg. Date :27-05-2021
Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar	Report Date :03-06-2021
Jhajjar	Report No. :ICE-2106030069
	NABL ULR No. :TC592621000005278F
	Customer Ref. No. :Order No.5030010814
	Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Gate No. 3
Date of Monitoring	: 13-05-2021
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.32
Volume of air sampled, m ³	: 1790.69
Avg. Ambient Temperature, °C	: 35

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	13.91
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	17.29
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	93.82
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	43.35
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ(LOQ : 14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ: 0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	1.5
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ(LOQ : 5.0)
i.	Benzene (C ₆ H ₆), µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)


Saurabh Sharma
03-06-2021
Reviewer


03-06-2021
Prem Kumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2105270539 Sample Reg. Date :27-05-2021 Report Date :03-06-2021 Report No. :ICE-2106030069 NABL ULR No. :TC592621000005278F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

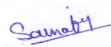
j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ: 1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ: 1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
03-06-2021
Reviewer


03-06-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 1 of 2

Issued To	Sample Reg. No. :E01-2105270540
Jhajjar Power Limited	Sample Reg. Date :27-05-2021
Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar	Report Date :03-06-2021
Jhajjar	Report No. :ICE-2106030070
	NABL ULR No. :TC592621000005279F
	Customer Ref. No. :Order No.5030010814
	Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Village - Khanpur
Date of Monitoring	: 13-05-2021
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.33
Volume of air sampled, m ³	: 1804.25
Avg. Ambient Temperature, °C	: 35

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	9.82
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	14.88
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	88.74
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	40.82
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ(LOQ : 14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ: 0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	1.1
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ(LOQ : 5.0)
i.	Benzene (C ₆ H ₆), µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)

Saurabh Sharma
03-06-2021
Reviewer

03-06-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2105270540 Sample Reg. Date :27-05-2021 Report Date :03-06-2021 Report No. :ICE-2106030070 NABL ULR No. :TC592621000005279F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

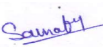
j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ: 1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ: 1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
03-06-2021
Reviewer


03-06-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

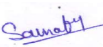
Test Report

Document QF : 2501
Page 1 of 2

Issued To	Sample Reg. No. :E01-2105270541
Jhajjar Power Limited	Sample Reg. Date :27-05-2021
Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar	Report Date :03-06-2021
Jhajjar	Report No. :ICE-2106030075
	NABL ULR No. :TC592621000005282F
	Customer Ref. No. :Order No.5030010814
	Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Shakti Vihar
Date of Monitoring	: 13-05-2021
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.34
Volume of air sampled, m ³	: 1817.82
Avg. Ambient Temperature, °C	: 35

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	8.59
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	10.77
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	78.83
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	33.25
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ(LOQ : 14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ: 0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	BLQ (LOQ:1.0)
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ(LOQ : 5.0)
i.	Benzene (C ₆ H ₆), µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)


Saurabh Sharma
03-06-2021
Reviewer


03-06-2021
Prem Kumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2105270541 Sample Reg. Date :27-05-2021 Report Date :03-06-2021 Report No. :ICE-2106030075 NABL ULR No. :TC592621000005282F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

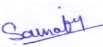
j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ: 1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ: 1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
03-06-2021
Reviewer


03-06-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

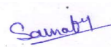
Test Report

Document QF : 2501
Page 1 of 2

Issued To	Sample Reg. No. :E01-2105270542
Jhajjar Power Limited	Sample Reg. Date :27-05-2021
Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar	Report Date :03-06-2021
Jhajjar	Report No. :ICE-2106030091
	NABL ULR No. :TC592621000005297F
	Customer Ref. No. :Order No.5030010814
	Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Guest House
Date of Monitoring	: 17-05-2021
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.33
Volume of air sampled, m ³	: 1804.25
Avg. Ambient Temperature, °C	: 35

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	7.36
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	11.91
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	83.96
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	37.03
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ(LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ: 0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	BLQ (LOQ:1.0)
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ(LOQ:5.0)
i.	Benzene (C ₆ H ₆), µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)


Saurabh Sharma
03-06-2021
Reviewer


03-06-2021
Prem Kumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2105270542 Sample Reg. Date :27-05-2021 Report Date :03-06-2021 Report No. :ICE-2106030091 NABL ULR No. :TC592621000005297F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ: 1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ: 1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
03-06-2021
Reviewer


03-06-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

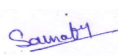
Document QF : 2501

Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2105270543 Sample Reg. Date :27-05-2021 Report Date :03-06-2021 Report No. :ICE-2106030071 NABL ULR No. :TC592621000005277F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information : Location of Sampling Point Date of Monitoring Purpose of Monitoring Duration of Monitoring, minutes Avg. Flow Rate of Sampling, m3/min Volume of air sampled, m3 Avg. Ambient Temperature, °C	: Near Gate No.3 : 17-05-2021 : For Self Monitoring : 1440 : 1.34 : 1823.74 : 34

Description				
Description	Ambient Air Quality Monitoring			
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Atmospheric Pollution				
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	14.67
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	20.05
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	94.96
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	43.77
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ(LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	1.2
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ(LOQ:5.0)
i.	Benzene (C ₆ H ₆), µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)


Saurabh Sharma
03-06-2021
Reviewer


03-06-2021
Prem Kumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2105270543 Sample Reg. Date :27-05-2021 Report Date :03-06-2021 Report No. :ICE-2106030071 NABL ULR No. :TC592621000005277F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

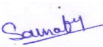
j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ: 1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ: 1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
03-06-2021
Reviewer


03-06-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

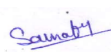
Test Report

Document QF : 2501
Page 1 of 2

Issued To	Sample Reg. No. :E01-2105270544
Jhajjar Power Limited	Sample Reg. Date :27-05-2021
Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar	Report Date :03-06-2021
Jhajjar	Report No. :ICE-2106030093
	NABL ULR No. :TC592621000005298F
	Customer Ref. No. :Order No.5030010814
	Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Village - Khanpur
Date of Monitoring	: 17-05-2021
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.33
Volume of air sampled, m ³	: 1804.25
Avg. Ambient Temperature, °C	: 35

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	11.45
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	18.00
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	90.00
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	40.82
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ(LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ: 0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	1.4
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ(LOQ:5.0)
i.	Benzene (C ₆ H ₆), µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)


Saurabh Sharma
03-06-2021
Reviewer


03-06-2021
Prem Kumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2105270544 Sample Reg. Date :27-05-2021 Report Date :03-06-2021 Report No. :ICE-2106030093 NABL ULR No. :TC592621000005298F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

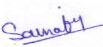
j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ: 1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ: 1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
03-06-2021
Reviewer


03-06-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2105270545 Sample Reg. Date :27-05-2021 Report Date :03-06-2021 Report No. :ICE-2106030092 NABL ULR No. :TC592621000005296F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Shakti Vihar
Date of Monitoring	: 17-05-2021
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.34
Volume of air sampled, m ³	: 1817.82
Avg. Ambient Temperature, °C	: 35

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	9.41
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	11.90
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	86.97
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	34.10
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ(LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ: 0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	BLQ (LOQ:1.0)
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ(LOQ:5.0)
i.	Benzene (C ₆ H ₆), µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)

Saurabh
Saurabh Sharma
03-06-2021
Reviewer

PremKumar
03-06-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2105270545 Sample Reg. Date :27-05-2021 Report Date :03-06-2021 Report No. :ICE-2106030092 NABL ULR No. :TC592621000005296F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

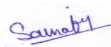
j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ: 1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ: 1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
03-06-2021
Reviewer


03-06-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 1 of 2

Issued To	Sample Reg. No. :E01-2105270546
Jhajjar Power Limited	Sample Reg. Date :27-05-2021
Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar	Report Date :03-06-2021
Jhajjar	Report No. :ICE-2106030094
	NABL ULR No. :TC592621000005291F
	Customer Ref. No. :Order No.5030010814
	Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Guest House
Date of Monitoring	: 20-05-2021
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	: 1872.53
Avg. Ambient Temperature, °C	: 26

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	5.96
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	9.92
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	73.85
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	31.98
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ(LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ: 0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	BLQ (LOQ:1.0)
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ(LOQ:5.0)
i.	Benzene (C ₆ H ₆), µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)

Saurabh Sharma
03-06-2021
Reviewer

03-06-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2105270546 Sample Reg. Date :27-05-2021 Report Date :03-06-2021 Report No. :ICE-2106030094 NABL ULR No. :TC592621000005291F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

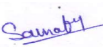
j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ: 1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ: 1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
03-06-2021
Reviewer


03-06-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 1 of 2

Issued To	Sample Reg. No. :E01-2105270547
Jhajjar Power Limited	Sample Reg. Date :27-05-2021
Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar	Report Date :03-06-2021
Jhajjar	Report No. :ICE-2106030095
	NABL ULR No. :TC592621000005286F
	Customer Ref. No. :Order No.5030010814
	Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Gate No.3
Date of Monitoring	: 20-05-2021
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	: 1872.53
Avg. Ambient Temperature,°C	: 26

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂),µg/m ³	IS:5182(P-2)	80 Max	10.73
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS:5182(P-6)	80 Max	14.04
c.	Particulate Matter (PM ₁₀),µg/m ³	IS:5182(P-23)	100 Max	88.97
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW-01	60 Max	38.72
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	BLQ(LOQ:14)
f.	Lead(As Pb),µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ: 0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	1.1
h.	Ammonia(NH ₃),µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ(LOQ:5.0)
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)

Saurabh Sharma
03-06-2021
Reviewer

03-06-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2105270547 Sample Reg. Date :27-05-2021 Report Date :03-06-2021 Report No. :ICE-2106030095 NABL ULR No. :TC592621000005286F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

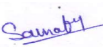
j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ: 1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ: 1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
03-06-2021
Reviewer


03-06-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

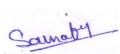
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2105270548 Sample Reg. Date :27-05-2021 Report Date :03-06-2021 Report No. :ICE-2106030096 NABL ULR No. :TC592621000005290F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information : Location of Sampling Point Date of Monitoring Purpose of Monitoring Duration of Monitoring, minutes Avg. Flow Rate of Sampling, m ³ /min Volume of air sampled, m ³ Avg. Ambient Temperature, °C	: Village - Khanpur : 20-05-2021 : For Self Monitoring : 1440 : 1.34 : 1878.82 : 25

Description				
Description	Ambient Air Quality Monitoring			
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Atmospheric Pollution				
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	12.67
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	14.82
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	92.98
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	46.29
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ(LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ: 0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	1.1
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ(LOQ:5.0)
i.	Benzene (C ₆ H ₆), µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)


Saurabh Sharma
03-06-2021
Reviewer


03-06-2021
Prem Kumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2105270548 Sample Reg. Date :27-05-2021 Report Date :03-06-2021 Report No. :ICE-2106030096 NABL ULR No. :TC592621000005290F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

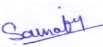
j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ: 1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ: 1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
03-06-2021
Reviewer


03-06-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 1 of 2

Issued To	Sample Reg. No. :E01-2105270549
Jhajjar Power Limited	Sample Reg. Date :27-05-2021
Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar	Report Date :03-06-2021
Jhajjar	Report No. :ICE-2106030097
	NABL ULR No. :TC592621000005289F
	Customer Ref. No. :Order No.5030010814
	Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Shakti Vihar
Date of Monitoring	: 20-05-2021
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	: 1858.56
Avg. Ambient Temperature, °C	: 26

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	8.34
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	11.97
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	78.98
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	34.09
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ(LOQ :14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ: 0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	BLQ (LOQ:1.0)
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ(LOQ : 5.0)
i.	Benzene (C ₆ H ₆), µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)

Saurabh
Saurabh Sharma
03-06-2021
Reviewer

PremKumar
03-06-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2105270549 Sample Reg. Date :27-05-2021 Report Date :03-06-2021 Report No. :ICE-2106030097 NABL ULR No. :TC592621000005289F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ: 1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ: 1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
03-06-2021
Reviewer


03-06-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 1 of 2

Issued To	Sample Reg. No. :E01-2106010002
Jhajjar Power Limited	Sample Reg. Date :01-06-2021
Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar	Report Date :05-06-2021
Jhajjar	Report No. :ICE-2106050141
	NABL ULR No. :TC592621000005358F
	Customer Ref. No. :Order No.5030010814
	Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Guest House
Date of Monitoring	: 24-05-2021
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.34
Volume of air sampled, m ³	: 1800.28
Avg. Ambient Temperature, °C	: 38

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	9.93
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	16.91
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	79.98
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	31.14
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ(LOQ : 14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:1.0)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	BLQ (LOQ:1.0)
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ(LOQ : 5.0)
i.	Benzene (C ₆ H ₆), µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)

Saurabh Sharma
05-06-2021
Reviewer

05-06-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2106010002 Sample Reg. Date :01-06-2021 Report Date :05-06-2021 Report No. :ICE-2106050141 NABL ULR No. :TC592621000005358F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

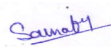
j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
05-06-2021
Reviewer


05-06-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 1 of 2

Issued To	Sample Reg. No. :E01-2106010003
Jhajjar Power Limited	Sample Reg. Date :01-06-2021
Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar	Report Date :05-06-2021
Jhajjar	Report No. :ICE-2106050142
	NABL ULR No. :TC592621000005372F
	Customer Ref. No. :Order No.5030010814
	Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Gate No.3
Date of Monitoring	: 24-05-2021
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.34
Volume of air sampled, m ³	: 1788.78
Avg. Ambient Temperature, °C	: 40

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	11.62
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	14.01
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	88.27
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	46.30
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ(LOQ : 14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	1.3
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ(LOQ : 5.0)
i.	Benzene (C ₆ H ₆), µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)

Saurabh Sharma
05-06-2021
Reviewer

05-06-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2106010003 Sample Reg. Date :01-06-2021 Report Date :05-06-2021 Report No. :ICE-2106050142 NABL ULR No. :TC592621000005372F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

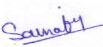
j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
05-06-2021
Reviewer


05-06-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2106010004 Sample Reg. Date :01-06-2021 Report Date :05-06-2021 Report No. :ICE-2106050143 NABL ULR No. :TC592621000005357F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Village-Khanpur
Date of Monitoring	: 24-05-2021
Purpose of Monitoring	: For self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.34
Volume of air sampled, m ³	: 1794.52
Avg. Ambient Temperature, °C	: 39

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	11.21
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	13.81
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	86.37
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	44.61
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ(LOQ : 14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	1.2
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ(LOQ : 5.0)
i.	Benzene (C ₆ H ₆), µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)

Saurabh
Saurabh Sharma
05-06-2021
Reviewer

PremKumar
05-06-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2106010004 Sample Reg. Date :01-06-2021 Report Date :05-06-2021 Report No. :ICE-2106050143 NABL ULR No. :TC592621000005357F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

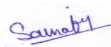
j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
05-06-2021
Reviewer


05-06-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

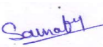
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2106010005 Sample Reg. Date :01-06-2021 Report Date :05-06-2021 Report No. :ICE-2106050144 NABL ULR No. :TC592621000005356F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Shakti Vihar
Date of Monitoring	: 24-05-2021
Purpose of Monitoring	: For self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.34
Volume of air sampled, m ³	: 1794.52
Avg. Ambient Temperature, °C	: 39

Description				
Description		Ambint Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	7.47
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	10.50
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	77.96
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	29.88
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ(LOQ : 14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	BLQ (LOQ:1.0)
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ(LOQ : 5.0)
i.	Benzene (C ₆ H ₆), µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)


Saurabh Sharma
05-06-2021
Reviewer


05-06-2021
Prem Kumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2106010005 Sample Reg. Date :01-06-2021 Report Date :05-06-2021 Report No. :ICE-2106050144 NABL ULR No. :TC592621000005356F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

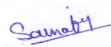
j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
05-06-2021
Reviewer


05-06-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 1 of 2

Issued To	Sample Reg. No. :E01-2106010006
Jhajjar Power Limited	Sample Reg. Date :01-06-2021
Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar	Report Date :05-06-2021
Jhajjar	Report No. :ICE-2106050145
	NABL ULR No. :TC592621000005355F
	Customer Ref. No. :Order No.5030010814
	Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Guest House
Date of Monitoring	: 27-05-2021
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.33
Volume of air sampled, m ³	: 1775.43
Avg. Ambient Temperature, °C	: 40

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	9.24
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	11.11
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	83.52
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	40.40
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ(LOQ : 14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	BLQ (LOQ:1.0)
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ(LOQ : 5.0)
i.	Benzene (C ₆ H ₆), µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)

Saurabh Sharma
05-06-2021
Reviewer

05-06-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2106010006 Sample Reg. Date :01-06-2021 Report Date :05-06-2021 Report No. :ICE-2106050145 NABL ULR No. :TC592621000005355F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

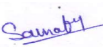
j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
05-06-2021
Reviewer


05-06-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2106010008 Sample Reg. Date :01-06-2021 Report Date :05-06-2021 Report No. :ICE-2106050148 NABL ULR No. :TC592621000005353F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Village - Khanpr
Date of Monitoring	: 27-05-2021
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	: 1777.42
Avg. Ambient Temperature, °C	: 42

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	10.46
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	18.55
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	94.18
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	50.51
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ(LOQ : 14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	1.2
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ(LOQ : 5.0)
i.	Benzene (C ₆ H ₆), µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)

Saurabh
Saurabh Sharma
05-06-2021
Reviewer

PremKumar
05-06-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2106010008 Sample Reg. Date :01-06-2021 Report Date :05-06-2021 Report No. :ICE-2106050148 NABL ULR No. :TC592621000005353F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
05-06-2021
Reviewer


05-06-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

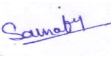
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2105080093 Sample Reg. Date :08-05-2021 Report Date :24-05-2021 Report No. :ICE-2105240395 NABL ULR No. :TC592621000004819F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: EPA Act 1986/PCLS/2010
General Information : Date of Monitoring Time of Monitoring Name of the emission source monitored (a) Rated Capacity (b) Capacity on sampling day (c) Type of fuel used & its consumption (d) Normal operating schedule 2. Stack Identification 3.Type of Stack/Duct 4.Stack Height from Ground Level(m) Diameter of the Stack(cm) (6) Sampling Duration(minutes) Purpose of Monitoring (8) Air Pollution control measure (a) Status (b) Recovery of Material (9) Fugitive Emission,if any Observations : Flue Gas Temperature, °C,Avg. Flue Gas Velocity(m/s),Avg. Volumetric Flow Rate(Nm ³ /hr.) Ambient Air Temperature, °C	: 07-05-2021 : 09:10 hrs to 09:46 hrs : Stack Emission of Boiler : 660 MW : 400 MW : Coal & 238 Ton/hr : 24 hrs : Stack attached to Boiler, Unit-I (at 65 meter's height) : Metal : 275 : 700 : 36 : For Self Monitoring : ESP+FF+FGD+Low NOx Burner : Working : - : Nil : 56 : 16.31 : 1964951.49 : 28

S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	General Parameters			


Saurabh Sharma
24-05-2021
Reviewer


24-05-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2105080093 Sample Reg. Date :08-05-2021 Report Date :24-05-2021 Report No. :ICE-2105240395 NABL ULR No. :TC592621000004819F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

a.	Particulate Matter, mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-1)	Max. 50	25.25
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-2)	Max. 200	149.44
c.	Oxides of Nitrogen (NO _x), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-7)	Max. 450	238.98
d.	Mercury(As Hg),mg/Nm ³	USEPA Method	Max. 0.03	BLQ(LOQ:0.01)
e.	Carbon Monoxide(CO),% v/v	IS:13270	Max. 1.0	0.2
f.	Moisture, % by mass	IS: 11255 (P-3)	Not Specified	7.2

'#' represents Customer Defined Fields

NOTE : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per EPA Act 1986/PCLS/2010, Sample collected by lab rep. on dated 07.05.2021, Sampling Procedure - SOP/ITC/EW/056

REMARKS : N/A

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


Saurabh Sharma
24-05-2021
Reviewer


24-05-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

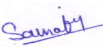
Test Report

Document QF : 2501
Page 1 of 2

Issued To	Sample Reg. No. :E01-2105080094 Sample Reg. Date :08-05-2021 Report Date :24-05-2021 Report No. :ICE-2105240388 NABL ULR No. :TC592621000004813F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020
Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	

Test Report as per :	: EPA Act 1986/PCLS/2010
General Information :	
Date of Monitoring	: 07-05-2021
Time of Monitoring	: 09:50 hrs to 10:26 hrs
Name of the emission source monitored	: Stack Emission of Boiler
(a) Rated Capacity	: 660 MW
(b) Capacity on sampling day	: 400 MW
(c) Type of fuel used & its consumption	: Coal & 221 Ton/hr
(d) Normal operating schedule	: 24 hrs
2. Stack Identification	: Stack attached to Boiler, Unit-II (at 65 meter's height)
3.Type of Stack/Duct	: Metal
4.Stack Height from Ground Level(m)	: 275
Diameter of the Stack(cm)	: 700
(6) Sampling Duration(minutes)	: 36
Purpose of Monitoring	: For Self Monitoring
(8) Air Pollution control measure	: ESP+FF+FGD+Low NOx Burner
(a) Status	: Working
(b) Recovery of Material	: -
(9) Fugitive Emission,if any	: Nil
Observations :	
Flue Gas Temperature, °C,Avg.	: 53
Flue Gas Velocity(m/s),Avg.	: 15.88
Volumetric Flow Rate(Nm ³ /hr.)	: 1946621.97
Ambient Air Temperature, °C	: 30

S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	General Parameters			


Saurabh Sharma
24-05-2021
Reviewer


24-05-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2105080094 Sample Reg. Date :08-05-2021 Report Date :24-05-2021 Report No. :ICE-2105240388 NABL ULR No. :TC592621000004813F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

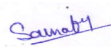
a.	Particulate Matter, mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-1)	Max. 50	22.37
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-2)	Max. 200	128.77
c.	Oxides of Nitrogen (NO _x), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-7)	Max. 450	202.03
d.	Mercury(As Hg),mg/Nm ³	USEPA Method	Max. 0.03	BLQ(LOQ:0.01)
e.	Carbon Monoxide(CO),% v/v	IS:13270	Max. 1.0	0.2
f.	Moisture, % by mass	IS: 11255 (P-3)	Not Specified	6.0

'#' represents Customer Defined Fields

NOTE : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per EPA Act 1986/PCLS/2010, Sample collected by lab rep. on dated 07.05.2021, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A

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


Saurabh Sharma
24-05-2021
Reviewer


24-05-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2105080095 Sample Reg. Date :08-05-2021 Report Date :24-05-2021 Report No. :ICE-2105240396 NABL ULR No. :TC592621000004808F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: EPA Act 1986/PCLS/2010,G.S.R 281(E),Dated- 07.03.2016
General Information :	
Name of the emission source monitored	: Stack Emission of DG Set
(a) Rated Capacity	: 1600 kVA
(b) Capacity on sampling day	: 86%
(c) Type of fuel used & its consumption	: HSD & 327 ltr/hr
(d) Normal operating schedule	: As per requiremnt
2. Stack Identification	: Stack attached to DG Set-1 (1600 kVA) Engine No. 16171
3.Type of Stack/Duct	: Metal
4.Stack Height from Ground Level(m)	: 9.5
Diameter of the Stack(cm)	: 40
(6) Sampling Duration(minutes)	: 50
Purpose of Monitoring	: For Self Monitoring
(8) Air Pollution control measure	: Not Applicable
(a) Status	: -
(b) Recovery of Material	: -
(9) Fugitive Emission,if any	: Nil
Observations :	
Flue Gas Temperature, °C,Avg.	: 304
Flue Gas Velocity(m/s),Avg.	: 20.11
Volumetric Flow Rate(Nm ³ /hr.)	: 4572.60
Ambient Air Temperature, °C	: 31

S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	General Parameters			
a.	Particulate Matter,mg/Nm ³ (Corrected at 15 % O ₂)	IS:11255(P-1)	Max. 75	57.30
b.	Carbon Monoxide(CO),mg/Nm ³ (Corrected at 15 % O ₂)	IS:13270	Max. 150	92

Saurabh Sharma
24-05-2021
Reviewer

24-05-2021
PremKumar
[Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.

(ISO 9001:2015 & 14001:2015 OHSAS 18001:2007 Certified Laboratory)

(A Government Approved Test House)

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

Phone : (O) 0172-2561543, 2565825

Visit us : www.itclabs.com Email : customersupport@itclabs.com

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis,it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2105080095 Sample Reg. Date :08-05-2021 Report Date :24-05-2021 Report No. :ICE-2105240396 NABL ULR No. :TC592621000004808F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

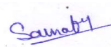
c.	Oxides of Nitrogen NO _x (as NO ₂), ppmv (at 15% O ₂), dry basis	IS:11255(P-7)	Max. 710	430.82
d.	Non Methane Hydrocarbon,mg/Nm3(Corrected at 15 % O ₂)	IS:13270	Max. 100	51
e.	Sulphur Dioxide(SO ₂),mg/Nm3	IS:11255(P-2)	Not Specified	17.61

'#' represents Customer Defined Fields

NOTE : NA- Not Applicable, Requirements as per EPA Act 1986/PCLS/2010, Sample collected by lab rep. on dated 07.05.2021, Sampling Procedure - SOP/ITC/EW/056

REMARKS : N/A

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


Saurabh Sharma
24-05-2021
Reviewer


24-05-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2105080096 Sample Reg. Date :08-05-2021 Report Date :24-05-2021 Report No. :ICE-2105240397 NABL ULR No. :TC592621000004807F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: EPA Act 1986/PCLS/2010,G.S.R 281(E),Dated- 07.03.2016
General Information :	
Name of the emission source monitored	: Stack Emission of DG Set
(a) Rated Capacity	: 1600 kVA
(b) Capacity on sampling day	: 86%
(c) Type of fuel used & its consumption	: HSD & 327 ltr/hr
(d) Normal operating schedule	: As per requirement
2. Stack Identification	: Stack attached to DG Set-2 (1600 kVA) Engine No. 16386
3.Type of Stack/Duct	: Metal
4.Stack Height from Ground Level(m)	: 9.5
Diameter of the Stack(cm)	: 40
(6) Sampling Duration(minutes)	: 50
Purpose of Monitoring	: For Self Monitoring
(8) Air Pollution control measure	: Not Applicable
(a) Status	: -
(b) Recovery of Material	: -
(9) Fugitive Emission,if any	: Nil
Observations :	
Flue Gas Temperature, °C,Avg.	: 299
Flue Gas Velocity(m/s),Avg.	: 20.08
Volumetric Flow Rate(Nm ³ /hr.)	: 4605.68
Ambient Air Temperature, °C	: 32

S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	General Parameters			
a.	Particulate Matter,mg/Nm ³ (Corrected at 15 % O ₂)	IS:11255(P-1)	Max. 75	50.01
b.	Carbon Monoxide(CO),mg/Nm ³ (Corrected at 15 % O ₂)	IS:13270	Max. 150	96

Saurabh Sharma
24-05-2021
Reviewer

24-05-2021
PremKumar
[Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.

(ISO 9001:2015 & 14001:2015 OHSAS 18001:2007 Certified Laboratory)

(A Government Approved Test House)

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

Phone : (O) 0172-2561543, 2565825

Visit us : www.itclabs.com Email : customersupport@itclabs.com

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis,it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2105080096 Sample Reg. Date :08-05-2021 Report Date :24-05-2021 Report No. :ICE-2105240397 NABL ULR No. :TC592621000004807F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

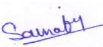
c.	Oxides of Nitrogen NO _x (as NO ₂), ppmv (at 15% O ₂), dry basis	IS:11255(P-7)	Max. 710	395.54
d.	Non Methane Hydrocarbon,mg/Nm3(Corrected at 15 % O ₂)	IS:13270	Max. 100	57
e.	Sulphur Dioxide(SO ₂),mg/Nm3	IS:11255(P-2)	Not Specified	16.98

'#' represents Customer Defined Fields

NOTE : NA- Not Applicable, Requirements as per EPA Act 1986/PCLS/2010, Sample collected by lab rep. on dated 07.05.2021, Sampling Procedure - SOP/ITC/EW/056

REMARKS : N/A

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


Saurabh Sharma
24-05-2021
Reviewer


24-05-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2105150205 Sample Reg. Date :15-05-2021 Report Date :24-05-2021 Report No. :ICE-2105240389 NABL ULR No. :TC592621000004812F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: EPA Act 1986/PCLS/2010
General Information : Date of Monitoring Time of Monitoring Name of the emission source monitored (a) Rated Capacity (b) Capacity on sampling day (c) Type of fuel used & its consumption (d) Normal operating schedule 2. Stack Identification 3.Type of Stack/Duct 4.Stack Height from Ground Level(m) Diameter of the Stack(cm) (6) Sampling Duration(minutes) Purpose of Monitoring (8) Air Pollution control measure (a) Status (b) Recovery of Material (9) Fugitive Emission,if any Observations : Flue Gas Temperature, °C,Avg. Flue Gas Velocity(m/s),Avg. Volumetric Flow Rate(Nm ³ /hr.) Ambient Air Temperature, °C	: 14-05-2021 : 09:40 hrs to 10:14 hrs : Stack Emission of Boiler : 660 MW : 440 MW : Coal & 256 Ton/hr : 24 hrs : Stack attached to Boiler, Unit-I (at 65 meter's height) : Metal : 275 : 700 : 34 : For Self Monitoring : ESP+FF+FGD+Low NOx Burner : Working : - : Nil : 55 : 16.60 : 2019726.17 : 29

S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Pollution & Environment			
1.	General Parameters			

Saurabh Sharma
24-05-2021
Reviewer

24-05-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2105150205 Sample Reg. Date :15-05-2021 Report Date :24-05-2021 Report No. :ICE-2105240389 NABL ULR No. :TC592621000004812F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

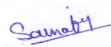
a.	Particulate Matter, mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-1)	Max. 50	30.66
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-2)	Max. 200	158.26
c.	Oxides of Nitrogen (NO _x), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-7)	Max. 450	253.97
d.	Mercury(As Hg),mg/Nm ³	USEPA Method	Max. 0.03	BLQ(LOQ:0.01)
e.	Carbon Monoxide(CO),% v/v	IS:13270	Max. 1.0	0.2
f.	Moisture, % by mass	IS: 11255 (P-3)	Not Specified	5.6

'#' represents Customer Defined Fields

NOTE : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per EPA Act 1986/PCLS/2010, Sample collected by lab rep. on dated 14.05.2021, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A

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


Saurabh Sharma
24-05-2021
Reviewer


24-05-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

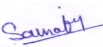
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2105150206 Sample Reg. Date :15-05-2021 Report Date :24-05-2021 Report No. :ICE-2105240390 NABL ULR No. :TC592621000004815F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: EPA Act 1986/PCLS/2010
General Information :	
Date of Monitoring	: 14-05-2021
Time of Monitoring	: 10:20 hrs to 10:56 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 & 252 Ton/hr
(d) Normal operating schedule	: 24 hrs
2. Stack Identification	: Stack attached to Boiler, Unit-II (at 65 meter's height)
3.Type of Stack/Duct	: Metal
4.Stack Height from Ground Level(m)	: 275
Diameter of the Stack(cm)	: 700
(6) Sampling Duration(minutes)	: 36
Purpose of Monitoring	: For Self Monitoring
(8) Air Pollution control measure	: ESP+FF+FGD+Low NOx Burner
(a) Status	: Working
(b) Recovery of Material	: -
(9) Fugitive Emission,if any	: Nil
Observations :	
Flue Gas Temperature, °C,Avg.	: 53
Flue Gas Velocity(m/s),Avg.	: 16.07
Volumetric Flow Rate(Nm ³ /hr.)	: 1967236.28
Ambient Air Temperature, °C	: 29

S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	General Parameters			


Saurabh Sharma
24-05-2021
Reviewer


24-05-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2105150206 Sample Reg. Date :15-05-2021 Report Date :24-05-2021 Report No. :ICE-2105240390 NABL ULR No. :TC592621000004815F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

a.	Particulate Matter, mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-1)	Max. 50	26.47
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-2)	Max. 200	142.40
c.	Oxides of Nitrogen (NO _x), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-7)	Max. 450	194.68
d.	Mercury(As Hg),mg/Nm ³	USEPA Method	Max. 0.03	BLQ(LOQ:0.01)
e.	Carbon Monoxide(CO),% v/v	IS:13270	Max. 1.0	0.2
f.	Moisture, % by mass	IS: 11255 (P-3)	Not Specified	7.0

'#' represents Customer Defined Fields

NOTE : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per EPA Act 1986/PCLS/2010, Sample collected by lab rep. on dated 14.05.2021, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A

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


Saurabh Sharma
24-05-2021
Reviewer


24-05-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

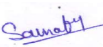
Test Report

Document QF : 2501
Page 1 of 2

Issued To	Sample Reg. No. :E01-2105220373 Sample Reg. Date :22-05-2021 Report Date :27-05-2021 Report No. :ICE-2105270537 NABL ULR No. :TC592621000004959F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020
Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	

Test Report as per :	: EPA Act 1986/PCLS/2010
General Information :	
Date of Monitoring	: 21-05-2021
Time of Monitoring	: 10:30 hrs to 11:05 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 & 242 Ton/hr
(d) Normal operating schedule	: 24 hrs
2. Stack Identification	: Stack attached to Boiler, Unit-I (at 65 meter's height)
3.Type of Stack/Duct	: Metal
4.Stack Height from Ground Level(m)	: 275
Diameter of the Stack(cm)	: 700
(6) Sampling Duration(minutes)	: 35
Purpose of Monitoring	: For Self Monitoring
(8) Air Pollution control measure	: ESP + FF + FGD + Low NOx Burner
(a) Status	: Working
(b) Recovery of Material	: -
(9) Fugitive Emission,if any	: Nil
Observations :	
Flue Gas Temperature, °C,Avg.	: 57
Flue Gas Velocity(m/s),Avg.	: 16.68
Volumetric Flow Rate(Nm ³ /hr.)	: 2019904.47
Ambient Air Temperature, °C	: 28

S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	General Parameters			


Saurabh Sharma
27-05-2021
Reviewer


27-05-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2105220373 Sample Reg. Date :22-05-2021 Report Date :27-05-2021 Report No. :ICE-2105270537 NABL ULR No. :TC592621000004959F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

a.	Particulate Matter, mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-1)	Max. 50	27.10
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-2)	Max. 200	147.68
c.	Oxides of Nitrogen (NO _x), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-7)	Max. 450	212.79
d.	Mercury(As Hg),mg/Nm ³	USEPA Method	Max. 0.03	BLQ(LOQ:0.01)
e.	Carbon Monoxide(CO),% v/v	IS:13270	Max. 1.0	0.2
f.	Moisture, % by mass	IS: 11255 (P-3)	Not Specified	6.2

'#' represents Customer Defined Fields

NOTE : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per EPA Act 1986/PCLS/2010, Sample collected by lab rep. on dated 21.05.2021, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A

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


Saurabh Sharma
27-05-2021
Reviewer


27-05-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2105220374 Sample Reg. Date :22-05-2021 Report Date :27-05-2021 Report No. :ICE-2105270538 NABL ULR No. :TC592621000004962F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: EPA Act 1986/PCLS/2010
General Information : Date of Monitoring Time of Monitoring Name of the emission source monitored (a) Rated Capacity (b) Capacity on sampling day (c) Type of fuel used & its consumption (d) Normal operating schedule 2. Stack Identification 3.Type of Stack/Duct 4.Stack Height from Ground Level(m) Diameter of the Stack(cm) (6) Sampling Duration(minutes) Purpose of Monitoring (8) Air Pollution control measure (a) Status (b) Recovery of Material (9) Fugitive Emission,if any Observations : Flue Gas Temperature, °C,Avg. Flue Gas Velocity(m/s),Avg. Volumetric Flow Rate(Nm ³ /hr.) Ambient Air Temperature, °C	: 21-05-2021 : 11:10 hrs to 11:47 hrs : Stack Emission of Boiler : 660 mW : 400 mW : Coal & 253 Ton/hr : 24 hrs : Stack attached to Boiler, Unit-II (at 65 meter's height) : Metal : 275 : 700 : 37 : For Self Monitoring : ESP + FF + FGD + Low NOx Burner : Working : - : Nil : 54 : 15.51 : 1895451.90 : 29

S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	General Parameters			

Saurabh Sharma
Saurabh Sharma
27-05-2021
Reviewer

PremKumar
27-05-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2105220374 Sample Reg. Date :22-05-2021 Report Date :27-05-2021 Report No. :ICE-2105270538 NABL ULR No. :TC592621000004962F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

a.	Particulate Matter, mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-1)	Max. 50	29.42
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-2)	Max. 200	167.11
c.	Oxides of Nitrogen (NO _x), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-7)	Max. 450	232.03
d.	Mercury(As Hg),mg/Nm ³	USEPA Method	Max. 0.03	BLQ(LOQ:0.01)
e.	Carbon Monoxide(CO),% v/v	IS:13270	Max. 1.0	0.2
f.	Moisture, % by mass	IS: 11255 (P-3)	Not Specified	6.4

'#' represents Customer Defined Fields

NOTE : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per EPA Act 1986/PCLS/2010, Sample collected by lab rep. on dated 21.05.2021, Sampling Procedure - SOP/ITC/EW/056

REMARKS : N/A

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


Saurabh Sharma
27-05-2021
Reviewer


27-05-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

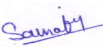
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2105290644 Sample Reg. Date :29-05-2021 Report Date :04-06-2021 Report No. :ICE-2106040110 NABL ULR No. :TC592621000005312F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: EPA Act 1986/PCLS/2010
General Information :	
Date of Monitoring	: 28-05-2021
Time of Monitoring	: 09:50 hrs to 10:26 hrs
Name of the emission source monitored	: Stack Emission of Boiler
(a) Rated Capacity	: 660 MW
(b) Capacity on sampling day	: 550 MW
(c) Type of fuel used & its consumption	: Coal & 310 Ton/hr
(d) Normal operating schedule	: 24 hrs
2. Stack Identification	: Stack attached to Boiler, Unit-I (at 65 meter's height)
3.Type of Stack/Duct	: Metl
4.Stack Height from Ground Level(m)	: 275
Diameter of the Stack(cm)	: 700
(6) Sampling Duration(minutes)	: 36
Purpose of Monitoring	: For Self Monitoring
(8) Air Pollution control measure	: ESP+ FF + FGD + Low NOx Burner
(a) Status	: Working
(b) Recovery of Material	: -
(9) Fugitive Emission,if any	: Nil
Observations :	
Flue Gas Temperature, °C,Avg.	: 53
Flue Gas Velocity(m/s),Avg.	: 16.34
Volumetric Flow Rate(Nm ³ /hr.)	: 2000288.79
Ambient Air Temperature, °C	: 31

S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	General Parameters			


Saurabh Sharma
04-06-2021
Reviewer


04-06-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2105290644 Sample Reg. Date :29-05-2021 Report Date :04-06-2021 Report No. :ICE-2106040110 NABL ULR No. :TC592621000005312F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

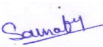
a.	Particulate Matter, mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-1)	Max. 50	35.20
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-2)	Max. 200	161.30
c.	Oxides of Nitrogen (NO _x), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-7)	Max. 450	236.60
d.	Mercury(As Hg),mg/Nm ³	USEPA Method	Max. 0.03	BLQ(LOQ: 0.01)
e.	Carbon Monoxide(CO),% v/v	IS:13270	Max. 1.0	0.2
f.	Moisture, % by mass	IS: 11255 (P-3)	Not Specified	7.6

'#' 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 28.05.2021, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A

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


Saurabh Sharma
04-06-2021
Reviewer


04-06-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 1 of 3

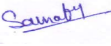
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2105240398 Sample Reg. Date :24-05-2021 Report Date :28-05-2021 Report No. :ICE-2105280574 NABL ULR No. :TC592621000005040F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

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

PART A : PARTICULARS OF SAMPLE SUBMITTED

a)	Nature of Sample #	ETP Inlet Water
b)	Grade / Variety / Type / Class / Size etc.	NA
c)	Brand Name	NA
d)	Declared Values,if any	NA
e)	Code No.	
f)	Batch Number #	NA
g)	D.O.M #	NA
h)	Date of Expiry #	Na
i)	Sample Quantity #	2 Ltr
j)	Batch Size/Location #	NA
k)	Mode of Packing	Packed in bottles
l)	Date of Receipt	24-05-2021
m)	Date of Start	24-05-2021
n)	Date of Completion	28-05-2021
o)	Seal (Intact/Not Intact/Unsealed)	NA
p)	IO'S Signature (Signed/Unsigned)	Unsigned
q)	Any Other Information	Sample collected by lab rep. on 21.05.2021
r)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
s)	Manufactured By #	NA
t)	Supplied By #	NA

PART B : SUPPLIMENTARY INFORMATIONS


Saurabh Sharma
28-05-2021
Reviewer


28-05-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

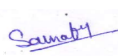
Document QF : 2501

Page 2 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2105240398 Sample Reg. Date :24-05-2021 Report Date :28-05-2021 Report No. :ICE-2105280574 NABL ULR No. :TC592621000005040F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

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

Description				
Description		ETP Inlet Water		
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Pollution & Environment				
1. General Parameters				
a.	Colour	IS:3025(Part4):1983(RA:2017)amd. no1		Light Greyish
b.	Odour	IS:3025(Part 5):1983(RA:2017)		Mild
c.	pH Value	IS:3025 (Part - 11):1983(RA:2017)		5.89
d.	Total Suspended Solids,(mg/l)	IS:3025(Part 17)		42
e.	Total Dissolved Solids (mg/l)	IS:3025(Part 16):1984(RA.2006)	-	614
f.	Chemical Oxygen Demand(mg/l)	APHA-23rd Edition		97
g.	Bio-chemical Oxygen Demand, mg/l (3 days at 27°C)	IS:3025(P-44)		35
h.	Oil & Grease(mg/l)	IS:3025(P-39)		1.2
i.	Zinc(As Zn)(mg/l)	IS: 3025 (P-2)		BLQ(LOQ:0.05)
j.	Arsenic(as As)(mg/l)	IS: 3025 (P-2)		BLQ(LOQ:0.05)
k.	Total Chromium as Cr (mg/l)	IS: 3025 (P-2)		BLQ(LOQ:0.05)
l.	Cyanide as CN, (mg/l)	IS:3025(P-27)		Absent
m.	Iron(as Fe)(mg/l)	IS: 3025 (P-2)		BLQ(LOQ:0.05)
n.	Temperature(°C)	IS: 3025 (P-9)		24.0


Saurabh Sharma
28-05-2021
Reviewer


28-05-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 3 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2105240398 Sample Reg. Date :24-05-2021 Report Date :28-05-2021 Report No. :ICE-2105280574 NABL ULR No. :TC592621000005040F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

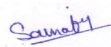
o.	Free Residual Chlorine (mg/l)	IS:3025(Part 26):1986(RA:2014)amd no 1		BLQ(LOQ:1.0)
p.	Phosphate as P (mg/l)	APHA-23rd Edition		1.3

'#' 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
28-05-2021
Reviewer


28-05-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 1 of 3

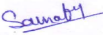
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2105240400 Sample Reg. Date :24-05-2021 Report Date :29-05-2021 Report No. :ICE-2105290623 NABL ULR No. :TC592621000005092F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

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)	Grade / Variety / Type / Class / Size etc.	NA
c)	Brand Name	NA
d)	Declared Values,if any	NA
e)	Code No.	
f)	Batch Number #	NA
g)	D.O.M #	NA
h)	Date of Expiry #	NA
i)	Sample Quantity #	2+5 Ltr
j)	Batch Size/Location #	NA
k)	Mode of Packing	Packed in bottles
l)	Date of Receipt	24-05-2021
m)	Date of Start	24-05-2021
n)	Date of Completion	29-05-2021
o)	Seal (Intact/Not Intact/Unsealed)	NA
p)	IO'S Signature (Signed/Unsigned)	Unsigned
q)	Any Other Information	Sample collected by lab rep. on 21.05.2021
r)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
s)	Manufactured By #	NA
t)	Supplied By #	NA

PART B : SUPPLIMENTARY INFORMATIONS


Saurabh Sharma
29-05-2021
Reviewer


29-05-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

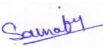
Document QF : 2501

Page 2 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. : E01-2105240400 Sample Reg. Date : 24-05-2021 Report Date : 29-05-2021 Report No. : ICE-2105290623 NABL ULR No. : TC592621000005092F Customer Ref. No. : Order No.5030010814 Letter Dated : 29.10.2020

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

Description				
Description		ETP Outlet Water		
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Pollution & Environment				
1. General Parameters				
a.	Colour	IS:3025(Part4):1983(RA: 2017)amd. no1	Not Specified	Colourless
b.	Odour	IS:3025(Part 5):1983(RA:2017)	Not Specified	None
c.	pH Value	IS:3025 (Part - 11):1983(RA:2017)	5.5-9	8.33
d.	Total Suspended Solids,(mg/l)	IS:3025(Part 17)	Max. 100	<1.0
e.	Total Dissolved Solids (mg/l)	IS:3025(Part 16):1984(RA.2006)	Max. 2100--	596
f.	Chemical Oxygen Demand(mg/l)	APHA-23rd Edition	Max. 250	8
g.	Bio-chemical Oxygen Demand, mg/l (3 days at 27°C)	IS:3025(P-44)	Max. 30	2
h.	Oil & Grease(mg/l)	IS:3025(P-39)	Max. 10	<0.1
i.	Zinc(As Zn)(mg/l)	IS: 3025 (P-2)	Max. 5.0	BLQ(LOQ:0.05)
j.	Arsenic(as As)(mg/l)	IS: 3025 (P-2)	Max. 0.2	BLQ(LOQ:0.05)
k.	Total Chromium as Cr (mg/l)	IS: 3025 (P-2)	Max. 2.0	BLQ(LOQ:0.05)
l.	Cyanide as CN, (mg/l)	IS:3025(P-27)	Max. 0.2	Absent
m.	Iron(as Fe)(mg/l)	IS: 3025 (P-2)	Max. 3.0	BLQ(LOQ:0.05)


Saurabh Sharma
29-05-2021
Reviewer


29-05-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 3 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2105240400 Sample Reg. Date :24-05-2021 Report Date :29-05-2021 Report No. :ICE-2105290623 NABL ULR No. :TC592621000005092F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

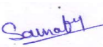
n.	Bio Assay Test	IS:6582-1971	Minimum 90 % survival of fish was observed after 96 hours in 100 % effluent	90% survival of fishes was observed in 100% effluent after 96 hours.
o.	Temperature(°C)	IS: 3025 (P-9)		24.0
p.	Free Residual Chlorine (mg/l)	IS:3025(P-26)	Max. 1.0	BLQ(LOQ:1.0)
q.	Phosphate as P (mg/l)	APHA-23rd Edition	Not Specified	BLQ(LOQ:0.1)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
29-05-2021
Reviewer


29-05-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 1 of 3

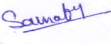
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2105240402 Sample Reg. Date :24-05-2021 Report Date :28-05-2021 Report No. :ICE-2105280575 NABL ULR No. :TC592621000005041F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

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)	Grade / Variety / Type / Class / Size etc.	NA
c)	Brand Name	NA
d)	Declared Values,if any	NA
e)	Code No.	
f)	Batch Number #	NA
g)	D.O.M #	NA
h)	Date of Expiry #	NA
i)	Sample Quantity #	2 Ltr
j)	Batch Size/Location #	NA
k)	Mode of Packing	Packed in bottles
l)	Date of Receipt	24-05-2021
m)	Date of Start	24-05-2021
n)	Date of Completion	28-05-2021
o)	Seal (Intact/Not Intact/Unsealed)	NA
p)	IO'S Signature (Signed/Unsigned)	Unsigned
q)	Any Other Information	Sample collected by lab rep. on 21.05.2021
r)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
s)	Manufactured By #	NA
t)	Supplied By #	NA

PART B : SUPPLIMENTARY INFORMATIONS


Saurabh Sharma
28-05-2021
Reviewer


28-05-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 2 of 3

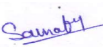
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2105240402 Sample Reg. Date :24-05-2021 Report Date :28-05-2021 Report No. :ICE-2105280575 NABL ULR No. :TC592621000005041F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

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

Description				
Description		STP Inlet Water (Plant)		
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Pollution & Environment				
1. General Parameters				
a.	Colour	IS:3025(Part4):1983(RA:2017)amd. no1		Light Greyish
b.	Odour	IS:3025(Part 5):1983(RA:2017)		Musty
c.	pH Value	IS:3025 (Part - 11):1983(RA:2017)		7.28
d.	Total Suspended Solids,(mg/l)	IS:3025(Part 17)		63
e.	Total Dissolved Solids (mg/l)	IS:3025(Part 16):1984(RA.2006)	-	587
f.	Chemical Oxygen Demand(mg/l)	APHA-23rd Edition		116
g.	Bio-chemical Oxygen Demand, mg/l (3 days at 27°C)	IS:3025(P-44)		42
h.	Oil & Grease(mg/l)	IS:3025(P-39)		1.8
i.	Free Residual Chlorine (mg/l)	IS:3025(Part 26):1986(RA:2014)amd no 1		BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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


Saurabh Sharma
28-05-2021
Reviewer


28-05-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

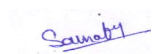
Document QF : 2501

Page 3 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2105240402 Sample Reg. Date :24-05-2021 Report Date :28-05-2021 Report No. :ICE-2105280575 NABL ULR No. :TC592621000005041F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

REMARKS :N/A

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



Saurabh Sharma
28-05-2021
Reviewer



28-05-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 1 of 3

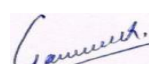
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2105240403 Sample Reg. Date :24-05-2021 Report Date :29-05-2021 Report No. :ICE-2105290624 NABL ULR No. :TC592621000005057F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

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

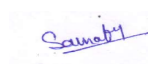
PART A : PARTICULARS OF SAMPLE SUBMITTED

a)	Nature of Sample #	STP Inlet Water (Plant).
b)	Grade / Variety / Type / Class / Size etc.	NA
c)	Brand Name	NA
d)	Declared Values,if any	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	24-05-2021
m)	Date of Start	24-05-2021
n)	Date of Completion	29-05-2021
o)	Seal (Intact/Not Intact/Unsealed)	NA
p)	IO'S Signature (Signed/Unsigned)	Unsigned
q)	Any Other Information	Sample collected by lab rep. on 21.05.2021
r)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
s)	Manufactured By #	NA
t)	Supplied By #	NA

PART B : SUPPLIMENTARY INFORMATIONS



29-05-2021
Gaurav Khandelwal
[Authorized Signatory]



Saurabh Sharma
29-05-2021
Reviewer



29-05-2021
PremKumar
[Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.

(ISO 9001:2015 & 14001:2015 OHSAS 18001:2007 Certified Laboratory)

(A Government Approved Test House)

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

Phone : (O) 0172-2561543, 2565825

Visit us : www.itclabs.com Email : customersupport@itclabs.com

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 2 of 3

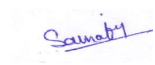
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2105240403 Sample Reg. Date :24-05-2021 Report Date :29-05-2021 Report No. :ICE-2105290624 NABL ULR No. :TC592621000005057F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

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

Description				
Description	Clear colourless liquid			
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Pollution & Environment				
1. General Parameters				
a.	Nitrate as NO ₃ (mg/l)	IS:3025(P-34)		1.4
b.	Calcium(as Ca)(mg/l)	IS:3025(P-40)	-	46
c.	Magnesium as Mg(mg/l)	IS:3025(Part-46)	-	15
d.	Sodium(as Na)(mg/l)	IS:3025(P-45)	-	67.5
e.	Potassium as K,(mg/l)	IS:3025(P-45)		13
f.	Phosphate as PO ₄ (mg/l)	APHA-23rd Edition		0.23
Discipline : Biological				
Group : Pollution & Environment				
1. Microbiological Tests				
a.	Faecal Coliforms, (MPN/100ml)	APHA-23 rd Edn 17-9221 F		11
b.	<i>E.coli</i> , (MPN/100ml)	APHA-23 rd Edn 17-9221 F		11
c.	Total Coliform (MPN/100ml)	APHA-23 rd Edn 17-9221 F		21

'#' represents Customer Defined Fields


 29-05-2021
 Gaurav Khandelwal
 [Authorized Signatory]


 Saurabh Sharma
 29-05-2021
 Reviewer


 29-05-2021
 PremKumar
 [Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

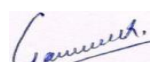
Page 3 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2105240403 Sample Reg. Date :24-05-2021 Report Date :29-05-2021 Report No. :ICE-2105290624 NABL ULR No. :TC592621000005057F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

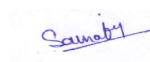
NOTE : NA- Not Applicable, Sampling Procedure - SOP/ITC/EW/030, Purpose - For Self monitoring

REMARKS :N/A

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



29-05-2021
Gaurav Khandelwal
[Authorized Signatory]



Saurabh Sharma
29-05-2021
Reviewer



29-05-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 1 of 3

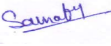
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2105240404 Sample Reg. Date :24-05-2021 Report Date :28-05-2021 Report No. :ICE-2105280576 NABL ULR No. :TC592621000005042F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

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)	Grade / Variety / Type / Class / Size etc.	NA
c)	Brand Name	NA
d)	Declared Values,if any	NA
e)	Code No.	
f)	Batch Number #	NA
g)	D.O.M #	NA
h)	Date of Expiry #	NA
i)	Sample Quantity #	2 Ltr
j)	Batch Size/Location #	NA
k)	Mode of Packing	Packed in bottles
l)	Date of Receipt	24-05-2021
m)	Date of Start	24-05-2021
n)	Date of Completion	28-05-2021
o)	Seal (Intact/Not Intact/Unsealed)	NA
p)	IO'S Signature (Signed/Unsigned)	Unsigned
q)	Any Other Information	Sample collected by lab rep. on 21.05.2021
r)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
s)	Manufactured By #	NA
t)	Supplied By #	NA

PART B : SUPPLIMENTARY INFORMATIONS


Saurabh Sharma
28-05-2021
Reviewer


28-05-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 2 of 3

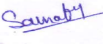
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2105240404 Sample Reg. Date :24-05-2021 Report Date :28-05-2021 Report No. :ICE-2105280576 NABL ULR No. :TC592621000005042F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

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

Description				
Description		STP Outlet Water (Plant)		
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Pollution & Environment				
1. General Parameters				
a.	Colour	IS:3025(Part4):1983(RA: 2017)amd. no1	Not Specified	Colourless
b.	Odour	IS:3025(Part 5):1983(RA:2017)	Not Specified	None
c.	pH Value	IS:3025 (Part - 11):1983(RA:2017)	6.5-9	8.28
d.	Total Suspended Solids,(mg/l)	IS:3025(Part 17)	Max. 100	7
e.	Total Dissolved Solids (mg/l)	IS:3025(Part 16):1984(RA.2006)	Not Specified	567
f.	Chemical Oxygen Demand(mg/l)	APHA-23rd Edition	Not Specified	12
g.	Bio-chemical Oxygen Demand, mg/l (3 days at 27°C)	IS:3025(P-44)	Max. 30	3
h.	Oil & Grease(mg/l)	IS:3025(P-39)	Max. 10	<0.1
i.	Free Residual Chlorine (mg/l)	IS:3025(P-26)	Max. 1.0	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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


Saurabh Sharma
28-05-2021
Reviewer


28-05-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

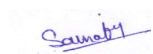
Document QF : 2501

Page 3 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2105240404 Sample Reg. Date :24-05-2021 Report Date :28-05-2021 Report No. :ICE-2105280576 NABL ULR No. :TC592621000005042F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

REMARKS :N/A

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


Saurabh Sharma
28-05-2021
Reviewer


28-05-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 1 of 3

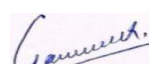
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2105240405 Sample Reg. Date :24-05-2021 Report Date :29-05-2021 Report No. :ICE-2105290625 NABL ULR No. :TC592621000005091F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

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

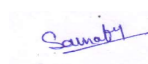
PART A : PARTICULARS OF SAMPLE SUBMITTED

a)	Nature of Sample #	STP Outlet Water (Plant).
b)	Grade / Variety / Type / Class / Size etc.	NA
c)	Brand Name	NA
d)	Declared Values,if any	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	24-05-2021
m)	Date of Start	24-05-2021
n)	Date of Completion	29-05-2021
o)	Seal (Intact/Not Intact/Unsealed)	NA
p)	IO'S Signature (Signed/Unsigned)	Unsigned
q)	Any Other Information	Sample collected by lab rep. on 21.05.2021
r)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
s)	Manufactured By #	NA
t)	Supplied By #	NA

PART B : SUPPLIMENTARY INFORMATIONS



29-05-2021
Gaurav Khandelwal
[Authorized Signatory]



Saurabh Sharma
29-05-2021
Reviewer



29-05-2021
PremKumar
[Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.

(ISO 9001:2015 & 14001:2015 OHSAS 18001:2007 Certified Laboratory)

(A Government Approved Test House)

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

Phone : (O) 0172-2561543, 2565825

Visit us : www.itclabs.com Email : customersupport@itclabs.com

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 2 of 3

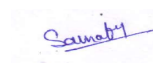
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2105240405 Sample Reg. Date :24-05-2021 Report Date :29-05-2021 Report No. :ICE-2105290625 NABL ULR No. :TC592621000005091F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

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

Description				
Description		STP Outlet Water (Plant).		
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Pollution & Environment				
1. General Parameters				
a.	Nitrate as NO ₃ (mg/l)	IS 3025 (Part 34)	Max. 10	1.1
b.	Calcium(as Ca)(mg/l)	IS:3025(P-40)	Not Specified	98
c.	Magnesium as Mg(mg/l)	IS: 3025 (P-46)	Not Specified	29
d.	Sodium(as Na)(mg/l)	IS:3025(P-45)	Not Specified	143
e.	Potassium as K,(mg/l)	IS:3025(P-45)	Not Specified	16.3
f.	Phosphate(as PO ₄), mg/L	APHA-23rd Edition	Max. 5.0	0.29
Discipline : Biological				
Group : Pollution & Environment				
1. Microbiological Tests				
a.	Faecal Coliform, MPN/100ml	APHA-23 rd Edn 17-9221 F	Max. 1000	<1.8
b.	E.coli, (MPN/100ml)	APHA 23rd Edn 17-9221 E	Not Specified	<1.8
c.	Total Coliform (MPN/100ml)	APHA-23 rd Edn 17-9221 F	Not Specified	11

'#' represents Customer Defined Fields


29-05-2021
Gaurav Khandelwal
[Authorized Signatory]


29-05-2021
Saurabh Sharma
Reviewer


29-05-2021
Prem Kumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

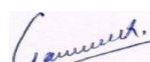
Page 3 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2105240405 Sample Reg. Date :24-05-2021 Report Date :29-05-2021 Report No. :ICE-2105290625 NABL ULR No. :TC592621000005091F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

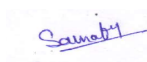
NOTE : NA- Not Applicable, Requirements as per EPA Act 1986/PCLS/2010, Sampling Procedure - SOP/ITC/EW/030, Purpose - For Self monitoring

REMARKS :N/A

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



29-05-2021
Gaurav Khandelwal
[Authorized Signatory]



Saurabh Sharma
29-05-2021
Reviewer



29-05-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 1 of 3

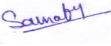
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2105240406 Sample Reg. Date :24-05-2021 Report Date :28-05-2021 Report No. :ICE-2105280577 NABL ULR No. :TC592621000005033F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

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)	Grade / Variety / Type / Class / Size etc.	NA
c)	Brand Name	NA
d)	Declared Values,if any	NA
e)	Code No.	
f)	Batch Number #	NA
g)	D.O.M #	NA
h)	Date of Expiry #	NA
i)	Sample Quantity #	2 Ltr
j)	Batch Size/Location #	NA
k)	Mode of Packing	Packed in bottles
l)	Date of Receipt	24-05-2021
m)	Date of Start	24-05-2021
n)	Date of Completion	28-05-2021
o)	Seal (Intact/Not Intact/Unsealed)	NA
p)	IO'S Signature (Signed/Unsigned)	Unsigned
q)	Any Other Information	Sample collected by lab rep. on 21.05.2021
r)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
s)	Manufactured By #	NA
t)	Supplied By #	NA

PART B : SUPPLIMENTARY INFORMATIONS


Saurabh Sharma
28-05-2021
Reviewer


28-05-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 2 of 3

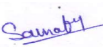
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2105240406 Sample Reg. Date :24-05-2021 Report Date :28-05-2021 Report No. :ICE-2105280577 NABL ULR No. :TC592621000005033F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

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

Description				
Description		STP Inlet Water (Township)		
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Pollution & Environment				
1. General Parameters				
a.	Colour	IS:3025(Part4):1983(RA:2017)amd. no1		Greyish
b.	Odour	IS:3025(Part 5):1983(RA:2017)		Musty
c.	pH Value	IS:3025 (Part - 11):1983(RA:2017)		7.13
d.	Total Suspended Solids,(mg/l)	IS:3025(Part 17)		115
e.	Total Dissolved Solids (mg/l)	IS:3025(Part 16):1984(RA.2006)	-	684
f.	Chemical Oxygen Demand(mg/l)	APHA-23rd Edition		109
g.	Bio-chemical Oxygen Demand, mg/l (3 days at 27°C)	IS:3025(P-44)		38
h.	Oil & Grease(mg/l)	IS:3025(P-39)		4.8
i.	Free Residual Chlorine (mg/l)	IS:3025(Part 26):1986(RA:2014)amd no 1		BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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


Saurabh Sharma
28-05-2021
Reviewer


28-05-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

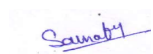
Document QF : 2501

Page 3 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2105240406 Sample Reg. Date :24-05-2021 Report Date :28-05-2021 Report No. :ICE-2105280577 NABL ULR No. :TC592621000005033F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

REMARKS :N/A

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



Saurabh Sharma
28-05-2021
Reviewer



28-05-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 1 of 3

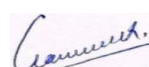
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2105240407 Sample Reg. Date :24-05-2021 Report Date :29-05-2021 Report No. :ICE-2105290626 NABL ULR No. :TC592621000005094F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

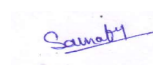
Test Report as per IS: NA	With Amendment No.(s):

PART A : PARTICULARS OF SAMPLE SUBMITTED

a)	Nature of Sample #	STP Inlet Water (Township).
b)	Grade / Variety / Type / Class / Size etc.	NA
c)	Brand Name	NA
d)	Declared Values,if any	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	24-05-2021
m)	Date of Start	24-05-2021
n)	Date of Completion	29-05-2021
o)	Seal (Intact/Not Intact/Unsealed)	NA
p)	IO'S Signature (Signed/Unsigned)	Unsigned
q)	Any Other Information	Sample collected by lab rep. on 21.05.2021
r)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
s)	Manufactured By #	NA
t)	Supplied By #	NA

PART B : SUPPLIMENTARY INFORMATIONS


29-05-2021
Gaurav Khandelwal
[Authorized Signatory]


29-05-2021
Saurabh Sharma
Reviewer


29-05-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

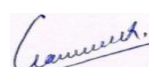
Page 2 of 3

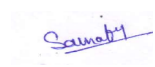
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. : E01-2105240407 Sample Reg. Date : 24-05-2021 Report Date : 29-05-2021 Report No. : ICE-2105290626 NABL ULR No. : TC592621000005094F Customer Ref. No. : Order No.5030010814 Letter Dated : 29.10.2020

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

Description				
Description		STP Inlet Water (Township).		
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Pollution & Environment				
1. General Parameters				
a.	Nitrate as NO ₃ (mg/l)	IS:3025(P-34)		1.5
b.	Calcium(as Ca)(mg/l)	IS:3025(P-40)	-	67
c.	Magnesium as Mg(mg/l)	IS:3025(Part-46)	-	30
d.	Sodium(as Na)(mg/l)	IS:3025(P-45)	-	74.8
e.	Potassium as K,(mg/l)	IS:3025(P-45)		16.8
f.	Phosphate as PO ₄ (mg/l)	APHA-23rd Edition		0.38
Discipline : Biological				
Group : Pollution & Environment				
1. Microbiological Tests				
a.	Faecal Coliforms, (MPN/100ml)	APHA-23 rd Edn 17-9221 F		17
b.	E.coli, (MPN/100ml)	APHA-23 rd Edn 17-9221 F		11
c.	Total Coliform (MPN/100ml)	APHA-23 rd Edn 17-9221 F		17

'#' represents Customer Defined Fields


29-05-2021
Gaurav Khandelwal
[Authorized Signatory]


29-05-2021
Saurabh Sharma
Reviewer


29-05-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

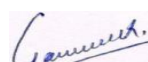
Page 3 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2105240407 Sample Reg. Date :24-05-2021 Report Date :29-05-2021 Report No. :ICE-2105290626 NABL ULR No. :TC592621000005094F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

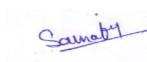
NOTE : NA- Not Applicable, Sampling Procedure - SOP/ITC/EW/030, Purpose - For Self monitoring

REMARKS :N/A

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



29-05-2021
Gaurav Khandelwal
[Authorized Signatory]



Saurabh Sharma
29-05-2021
Reviewer



29-05-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 1 of 3

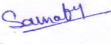
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2105240408 Sample Reg. Date :24-05-2021 Report Date :28-05-2021 Report No. :ICE-2105280582 NABL ULR No. :TC592621000005032F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

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)	Grade / Variety / Type / Class / Size etc.	NA
c)	Brand Name	NA
d)	Declared Values,if any	NA
e)	Code No.	
f)	Batch Number #	NA
g)	D.O.M #	NA
h)	Date of Expiry #	NA
i)	Sample Quantity #	2 Ltr
j)	Batch Size/Location #	NA
k)	Mode of Packing	Packed in bottles
l)	Date of Receipt	24-05-2021
m)	Date of Start	24-05-2021
n)	Date of Completion	28-05-2021
o)	Seal (Intact/Not Intact/Unsealed)	NA
p)	IO'S Signature (Signed/Unsigned)	Unsigned
q)	Any Other Information	Sample collected by lab rep. on 21.05.2021
r)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
s)	Manufactured By #	NA
t)	Supplied By #	NA

PART B : SUPPLIMENTARY INFORMATIONS


Saurabh Sharma
28-05-2021
Reviewer


28-05-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 2 of 3

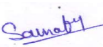
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2105240408 Sample Reg. Date :24-05-2021 Report Date :28-05-2021 Report No. :ICE-2105280582 NABL ULR No. :TC592621000005032F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

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

Description				
Description		STP Outlet Water (Township)		
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Pollution & Environment				
1. General Parameters				
a.	Colour	IS:3025(Part4):1983(RA:2017)amd. no1	Not Specified	Light Greyish
b.	Odour	IS:3025(Part 5):1983(RA:2017)	Not Specified	None
c.	pH Value	IS:3025 (Part - 11):1983(RA:2017)	6.5-9	7.17
d.	Total Suspended Solids,(mg/l)	IS:3025(Part 17)	Max. 100	16
e.	Total Dissolved Solids (mg/l)	IS:3025(Part 16):1984(RA.2006)	Not Specified	658
f.	Chemical Oxygen Demand(mg/l)	APHA-23rd Edition	Not Specified	66
g.	Bio-chemical Oxygen Demand, mg/l (3 days at 27°C)	IS:3025(P-44)	Max. 30	15
h.	Oil & Grease(mg/l)	IS:3025(P-39)	Max. 10	0.8
i.	Free Residual Chlorine (mg/l)	IS:3025(P-26)	Max. 1.0	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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


Saurabh Sharma
28-05-2021
Reviewer


28-05-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

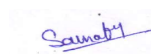
Document QF : 2501

Page 3 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2105240408 Sample Reg. Date :24-05-2021 Report Date :28-05-2021 Report No. :ICE-2105280582 NABL ULR No. :TC592621000005032F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

REMARKS :N/A

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



Saurabh Sharma
28-05-2021
Reviewer



28-05-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 1 of 3

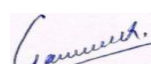
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2105240409 Sample Reg. Date :24-05-2021 Report Date :29-05-2021 Report No. :ICE-2105290627 NABL ULR No. :TC592621000005093F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

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

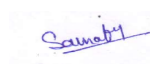
PART A : PARTICULARS OF SAMPLE SUBMITTED

a)	Nature of Sample#	STP Outlet Water (Township).
b)	Grade / Variety / Type / Class / Size etc.	NA
c)	Brand Name	NA
d)	Declared Values,if any	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	24-05-2021
m)	Date of Start	24-05-2021
n)	Date of Completion	29-05-2021
o)	Seal (Intact/Not Intact/Unsealed)	NA
p)	IO'S Signature (Signed/Unsigned)	Unsigned
q)	Any Other Information	Sample collected by lab rep. on 21.05.2021
r)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
s)	Manufactured By#	NA
t)	Supplied By#	NA

PART B : SUPPLIMENTARY INFORMATIONS



29-05-2021
Gaurav Khandelwal
[Authorized Signatory]



Saurabh Sharma
29-05-2021
Reviewer



29-05-2021
PremKumar
[Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.

(ISO 9001:2015 & 14001:2015 OHSAS 18001:2007 Certified Laboratory)

(A Government Approved Test House)

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

Phone : (O) 0172-2561543, 2565825

Visit us : www.itclabs.com Email : customersupport@itclabs.com

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 2 of 3

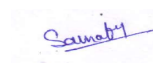
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2105240409 Sample Reg. Date :24-05-2021 Report Date :29-05-2021 Report No. :ICE-2105290627 NABL ULR No. :TC592621000005093F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

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

Description				
Description		STP Outlet Water (Township).		
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Pollution & Environment				
1. General Parameters				
a.	Nitrate as NO ₃ (mg/l)	IS 3025 (Part 34)	Max. 10	1.2
b.	Calcium(as Ca)(mg/l)	IS:3025(P-40)	Not Specified	46
c.	Magnesium as Mg(mg/l)	IS: 3025 (P-46)	Not Specified	21
d.	Sodium(as Na)(mg/l)	IS:3025(P-45)	Not Specified	56
e.	Potassium as K,(mg/l)	IS:3025(P-45)	Not Specified	22
f.	Phosphate(as PO ₄), mg/L	APHA-23rd Edition	Max. 5.0	0.21
Discipline : Biological				
Group : Pollution & Environment				
1. Microbiological Tests				
a.	Faecal Coliform, MPN/100ml	APHA-23 rd Edn 17-9221 F	Max. 1000	17
b.	<i>E.coli</i> , (MPN/100ml)	APHA 23rd Edn 17-9221 E	Not Specified	11
c.	Total Coliform (MPN/100ml)	APHA-23 rd Edn 17-9221 F	Not Specified	33

'#' represents Customer Defined Fields


 29-05-2021
 Gaurav Khandelwal
 [Authorized Signatory]


 Saurabh Sharma
 29-05-2021
 Reviewer


 29-05-2021
 PremKumar
 [Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

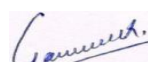
Page 3 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2105240409 Sample Reg. Date :24-05-2021 Report Date :29-05-2021 Report No. :ICE-2105290627 NABL ULR No. :TC592621000005093F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

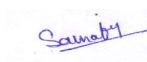
NOTE : NA- Not Applicable, Requirements as per EPA Act 1986/PCLS/2010, Sampling Procedure - SOP/ITC/EW/030, Purpose - For Self monitoring

REMARKS :N/A

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



29-05-2021
Gaurav Khandelwal
[Authorized Signatory]



Saurabh Sharma
29-05-2021
Reviewer



29-05-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2105220376 Sample Reg. Date :22-05-2021 Report Date :25-05-2021 Report No. :ICE-2105250424 NABL ULR No. :TC592621000004854F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: EPA Act 1986/PCLS/2010
General Information : Name of Sample Date of Monitoring Time of Monitoring Nature of Industry Purpose of Monitoring	: Ambient Noise : 14-05-2021 : Day & Night : Thermal Power Plant : 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 (Reaffirmed 2014)	Max. 75.0	71.9
b.	Near Gate No.1 (Night Time), Leq dB (A)	IS: 9989 (Reaffirmed 2014)	Max. 70.0	68.0
c.	Near Gate No.2 (Day Time), Leq dB (A)	IS: 9989 (Reaffirmed 2014)	Max. 75.0	72.4
d.	Near Gate No.2 (Night Time), Leq dB (A)	IS: 9989 (Reaffirmed 2014)	Max. 70.0	66.6
e.	Near Gate No.3 (Day Time), Leq dB (A)	IS: 9989 (Reaffirmed 2014)	Max. 75.0	69.4
f.	Near Gate No.3 (Night Time), Leq dB (A)	IS: 9989 (Reaffirmed 2014)	Max. 70.0	63.4
g.	Near Guest House (Day Time), Leq dB (A)	IS: 9989 (Reaffirmed 2014)	Max. 75.0	61.9
h.	Near Guest House (Night Time), Leq dB (A)	IS: 9989 (Reaffirmed 2014)	Max. 70.0	58.4

Saurabh Sharma
25-05-2021
Reviewer

25-05-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2105220376 Sample Reg. Date :22-05-2021 Report Date :25-05-2021 Report No. :ICE-2105250424 NABL ULR No. :TC592621000004854F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

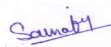
i.	Near D Block (Day Time), Leq dB (A)	IS: 9989 (Reaffirmed 2014)	Max. 75.0	59.9
j.	Near D Block (Night Time), Leq dB (A)	IS: 9989 (Reaffirmed 2014)	Max. 70.0	55.4

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
25-05-2021
Reviewer


25-05-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

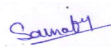
Test Report **Annexure-III**

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2106080185 Sample Reg. Date :08-06-2021 Report Date :25-06-2021 Report No. :ICE-2106250805 NABL ULR No. :TC592621000006181F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Guest House
Date of Monitoring	: 01-06-2021
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.34
Volume of air sampled, m ³	: 1811.94
Avg. Ambient Temperature, °C	: 36

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	13.15
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	12.23
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	84.11
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	40.82
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ(LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	BLQ (LOQ:1.0)
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ(LOQ:5.0)
i.	Benzene (C ₆ H ₆), µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)


Saurabh Sharma
25-06-2021
Reviewer


25-06-2021
Prem Kumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2106080185 Sample Reg. Date :08-06-2021 Report Date :25-06-2021 Report No. :ICE-2106250805 NABL ULR No. :TC592621000006181F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

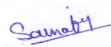
j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
25-06-2021
Reviewer


25-06-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2106080186 Sample Reg. Date :08-06-2021 Report Date :25-06-2021 Report No. :ICE-2106250808 NABL ULR No. :TC592621000006185F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information : Location of Sampling Point Date of Monitoring Purpose of Monitoring Duration of Monitoring, minutes Avg. Flow Rate of Sampling, m3/min Volume of air sampled, m3 Avg. Ambient Temperature, °C	: Near Gate No. 3 : 01-06-2021 : For Self Monitoring : 1440 : 1.34 : 1811.94 : 36

Description				
Description	Ambient Air Quality Monitoring			
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Atmospheric Pollution				
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	13.15
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	20.18
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	98.13
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	54.29
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ(LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	1.3
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ(LOQ:5.0)
i.	Benzene (C ₆ H ₆), µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)

Saurabh Sharma
25-06-2021
Reviewer

25-06-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2106080186 Sample Reg. Date :08-06-2021 Report Date :25-06-2021 Report No. :ICE-2106250808 NABL ULR No. :TC592621000006185F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
25-06-2021
Reviewer


25-06-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2106080187 Sample Reg. Date :08-06-2021 Report Date :25-06-2021 Report No. :ICE-2106250809 NABL ULR No. :TC592621000006188F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information : Location of Sampling Point Date of Monitoring Purpose of Monitoring Duration of Monitoring, minutes Avg. Flow Rate of Sampling, m ³ /min Volume of air sampled, m ³ Avg. Ambient Temperature, °C	: Village-Khanpur : 01-06-2021 : For Self Monitoring : 1440 : 1.34 : 1811.94 : 36

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Atmospheric Pollution				
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	16.03
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	23.22
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	94.21
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	50.08
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ(LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	1.2
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ(LOQ:5.0)
i.	Benzene (C ₆ H ₆), µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)

Saurabh Sharma
25-06-2021
Reviewer

25-06-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2106080187 Sample Reg. Date :08-06-2021 Report Date :25-06-2021 Report No. :ICE-2106250809 NABL ULR No. :TC592621000006188F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

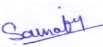
j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
25-06-2021
Reviewer


25-06-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

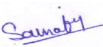
Test Report

Document QF : 2501
Page 1 of 2

Issued To	Sample Reg. No. :E01-2106080188
Jhajjar Power Limited	Sample Reg. Date :08-06-2021
Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar	Report Date :25-06-2021
Jhajjar	Report No. :ICE-2106250807
	NABL ULR No. :TC592621000006186F
	Customer Ref. No. :Order No.5030010814
	Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Shakti Vihar
Date of Monitoring	: 01-06-2021
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.35
Volume of air sampled, m ³	: 1825.46
Avg. Ambient Temperature, °C	: 36

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	6.58
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	10.03
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	80.20
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	41.67
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ(LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	BLQ (LOQ:1.0)
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ(LOQ:5.0)
i.	Benzene (C ₆ H ₆), µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)


Saurabh Sharma
25-06-2021
Reviewer


25-06-2021
Prem Kumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2106080188 Sample Reg. Date :08-06-2021 Report Date :25-06-2021 Report No. :ICE-2106250807 NABL ULR No. :TC592621000006186F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
25-06-2021
Reviewer


25-06-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2106080189 Sample Reg. Date :08-06-2021 Report Date :25-06-2021 Report No. :ICE-2106250806 NABL ULR No. :TC592621000006187F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Guest House
Date of Monitoring	: 03-06-2021
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.34
Volume of air sampled, m ³	: 1806.09
Avg. Ambient Temperature, °C	: 37

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	5.36
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	7.41
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	80.17
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	35.35
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ(LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	BLQ (LOQ:1.0)
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ(LOQ:5.0)
i.	Benzene (C ₆ H ₆), µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)

Saurabh Sharma
25-06-2021
Reviewer

25-06-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2106080189 Sample Reg. Date :08-06-2021 Report Date :25-06-2021 Report No. :ICE-2106250806 NABL ULR No. :TC592621000006187F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

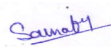
j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
25-06-2021
Reviewer


25-06-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 1 of 2

Issued To	Sample Reg. No. :E01-2106080190
Jhajjar Power Limited	Sample Reg. Date :08-06-2021
Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar	Report Date :25-06-2021
Jhajjar	Report No. :ICE-2106250804
	NABL ULR No. :TC592621000006182F
	Customer Ref. No. :Order No.5030010814
	Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Gate No. 3
Date of Monitoring	: 03-06-2021
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.32
Volume of air sampled, m ³	: 1773.41
Avg. Ambient Temperature, °C	: 38

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	11.14
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	18.05
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	95.18
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	50.08
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ(LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	1.1
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ(LOQ:5.0)
i.	Benzene (C ₆ H ₆), µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)

Saurabh Sharma
25-06-2021
Reviewer

25-06-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2106080190 Sample Reg. Date :08-06-2021 Report Date :25-06-2021 Report No. :ICE-2106250804 NABL ULR No. :TC592621000006182F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

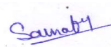
j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
25-06-2021
Reviewer


25-06-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 1 of 2

Issued To	Sample Reg. No. :E01-2106080191
Jhajjar Power Limited	Sample Reg. Date :08-06-2021
Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar	Report Date :25-06-2021
Jhajjar	Report No. :ICE-2106250803
	NABL ULR No. :TC592621000006183F
	Customer Ref. No. :Order No.5030010814
	Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Village-Khanpur
Date of Monitoring	: 03-06-2021
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.34
Volume of air sampled, m ³	: 1806.09
Avg. Ambient Temperature, °C	: 37

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	13.20
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	20.03
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	99.16
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	56.40
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ(LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	1.2
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ(LOQ:5.0)
i.	Benzene (C ₆ H ₆), µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)

Saurabh Sharma
25-06-2021
Reviewer

25-06-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2106080191 Sample Reg. Date :08-06-2021 Report Date :25-06-2021 Report No. :ICE-2106250803 NABL ULR No. :TC592621000006183F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

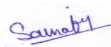
j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
25-06-2021
Reviewer


25-06-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

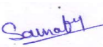
Test Report

Document QF : 2501
Page 1 of 2

Issued To	Sample Reg. No. :E01-2106080192
Jhajjar Power Limited	Sample Reg. Date :08-06-2021
Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar	Report Date :25-06-2021
Jhajjar	Report No. :ICE-2106250802
	NABL ULR No. :TC592621000006184F
	Customer Ref. No. :Order No.5030010814
	Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Shakti Vihar
Date of Monitoring	: 03-06-2021
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.34
Volume of air sampled, m ³	: 1800.29
Avg. Ambient Temperature, °C	: 38

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	7.85
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	11.38
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	82.60
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	32.41
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ(LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	BLQ (LOQ:1.0)
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ(LOQ:5.0)
i.	Benzene (C ₆ H ₆), µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)


Saurabh Sharma
25-06-2021
Reviewer


25-06-2021
Prem Kumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2106080192 Sample Reg. Date :08-06-2021 Report Date :25-06-2021 Report No. :ICE-2106250802 NABL ULR No. :TC592621000006184F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

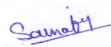
j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
25-06-2021
Reviewer


25-06-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 1 of 2

Issued To	Sample Reg. No. :E01-2106180660
Jhajjar Power Limited	Sample Reg. Date :18-06-2021
Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar	Report Date :26-06-2021
Jhajjar	Report No. :ICE-2106260867
	NABL ULR No. :TC592621000006220F
	Customer Ref. No. :Order No.5030010814
	Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Guest House
Date of Monitoring	: 07-06-2021
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.34
Volume of air sampled, m ³	: 1800.29
Avg. Ambient Temperature, °C	: 38

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	5.78
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	8.95
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	81.88
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	37.46
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ(LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	BLQ (LOQ:1.0)
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ(LOQ:5.0)
i.	Benzene (C ₆ H ₆), µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)

Saurabh Sharma
26-06-2021
Reviewer

26-06-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2106180660 Sample Reg. Date :18-06-2021 Report Date :26-06-2021 Report No. :ICE-2106260867 NABL ULR No. :TC592621000006220F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

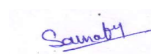
j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
26-06-2021
Reviewer


26-06-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

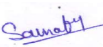
Test Report

Document QF : 2501
Page 1 of 2

Issued To	Sample Reg. No. :E01-2106180661
Jhajjar Power Limited	Sample Reg. Date :18-06-2021
Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar	Report Date :26-06-2021
Jhajjar	Report No. :ICE-2106260868
	NABL ULR No. :TC592621000006221F
	Customer Ref. No. :Order No.5030010814
	Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Gate No. 3
Date of Monitoring	: 07-06-2021
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.34
Volume of air sampled, m ³	: 1800.29
Avg. Ambient Temperature, °C	: 38

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	8.26
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	13.20
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	86.71
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	39.56
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ(LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	1.2
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ(LOQ:5.0)
i.	Benzene (C ₆ H ₆), µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)


Saurabh Sharma
26-06-2021
Reviewer


26-06-2021
Prem Kumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2106180661 Sample Reg. Date :18-06-2021 Report Date :26-06-2021 Report No. :ICE-2106260868 NABL ULR No. :TC592621000006221F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
26-06-2021
Reviewer


26-06-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

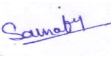
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2106180662 Sample Reg. Date :18-06-2021 Report Date :26-06-2021 Report No. :ICE-2106260869 NABL ULR No. :TC592621000006243F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Village-Khanpur
Date of Monitoring	: 07-06-2021
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.34
Volume of air sampled, m ³	: 1800.29
Avg. Ambient Temperature, °C	: 38

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	9.91
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	16.03
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	94.65
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	50.08
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ(LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	1.3
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ(LOQ:5.0)
i.	Benzene (C ₆ H ₆), µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)


Saurabh Sharma
26-06-2021
Reviewer


26-06-2021
Prem Kumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2106180662 Sample Reg. Date :18-06-2021 Report Date :26-06-2021 Report No. :ICE-2106260869 NABL ULR No. :TC592621000006243F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
26-06-2021
Reviewer


26-06-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2106180663 Sample Reg. Date :18-06-2021 Report Date :26-06-2021 Report No. :ICE-2106260870 NABL ULR No. :TC592621000006261F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Shakti Vihar
Date of Monitoring	: 07-06-2021
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.33
Volume of air sampled, m ³	: 1786.85
Avg. Ambient Temperature, °C	: 38

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	14.87
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	21.98
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	97.66
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	50.93
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ(LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	BLQ (LOQ:1.0)
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ(LOQ:5.0)
i.	Benzene (C ₆ H ₆), µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)

Saurabh Sharma
26-06-2021
Reviewer

26-06-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2106180663 Sample Reg. Date :18-06-2021 Report Date :26-06-2021 Report No. :ICE-2106260870 NABL ULR No. :TC592621000006261F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

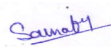
j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
26-06-2021
Reviewer


26-06-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 1 of 2

Issued To	Sample Reg. No. :E01-2106180664
Jhajjar Power Limited	Sample Reg. Date :18-06-2021
Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar	Report Date :26-06-2021
Jhajjar	Report No. :ICE-2106260871
	NABL ULR No. :TC592621000006224F
	Customer Ref. No. :Order No.5030010814
	Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Guest House
Date of Monitoring	: 10-06-2021
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	: 1764.16
Avg. Ambient Temperature, °C	: 42

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	6.28
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	7.11
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	78.96
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	31.14
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ(LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	BLQ (LOQ:1.0)
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ(LOQ:5.0)
i.	Benzene (C ₆ H ₆), µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)

Saurabh Sharma
26-06-2021
Reviewer

26-06-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2106180664 Sample Reg. Date :18-06-2021 Report Date :26-06-2021 Report No. :ICE-2106260871 NABL ULR No. :TC592621000006224F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

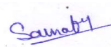
j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
26-06-2021
Reviewer


26-06-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 1 of 2

Issued To	Sample Reg. No. :E01-2106180665
Jhajjar Power Limited	Sample Reg. Date :18-06-2021
Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar	Report Date :26-06-2021
Jhajjar	Report No. :ICE-2106260872
	NABL ULR No. :TC592621000006223F
	Customer Ref. No. :Order No.5030010814
	Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Gate No. 3
Date of Monitoring	: 10-06-2021
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	: 1769.78
Avg. Ambient Temperature, °C	: 42

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	12.93
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	20.02
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	97.81
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	52.19
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ(LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	1.1
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ(LOQ:5.0)
i.	Benzene (C ₆ H ₆), µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)

Saurabh Sharma
26-06-2021
Reviewer

26-06-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2106180665 Sample Reg. Date :18-06-2021 Report Date :26-06-2021 Report No. :ICE-2106260872 NABL ULR No. :TC592621000006223F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

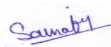
j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
26-06-2021
Reviewer


26-06-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 1 of 2

Issued To	Sample Reg. No. :E01-2106180666
Jhajjar Power Limited	Sample Reg. Date :18-06-2021
Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar	Report Date :26-06-2021
Jhajjar	Report No. :ICE-2106260873
	NABL ULR No. :TC592621000006216F
	Customer Ref. No. :Order No.5030010814
	Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Village-Khanpur
Date of Monitoring	: 10-06-2021
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	: 1783.08
Avg. Ambient Temperature, °C	: 42

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	15.02
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	22.88
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	99.60
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	53.87
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ(LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	1.2
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ(LOQ:5.0)
i.	Benzene (C ₆ H ₆), µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)

Saurabh Sharma
26-06-2021
Reviewer

26-06-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2106180666 Sample Reg. Date :18-06-2021 Report Date :26-06-2021 Report No. :ICE-2106260873 NABL ULR No. :TC592621000006216F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

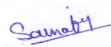
j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
26-06-2021
Reviewer


26-06-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2106180667 Sample Reg. Date :18-06-2021 Report Date :26-06-2021 Report No. :ICE-2106260843 NABL ULR No. :TC592621000006219F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Shakti Vihar
Date of Monitoring	: 10-06-2021
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	: 1756.47
Avg. Ambient Temperature, °C	: 41

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	6.67
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	9.04
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	87.73
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	40.82
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ(LOQ:14.0)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	BLQ (LOQ:1.0)
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ(LOQ:5.0)
i.	Benzene (C ₆ H ₆), µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)

Saurabh Sharma
26-06-2021
Reviewer

26-06-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2106180667 Sample Reg. Date :18-06-2021 Report Date :26-06-2021 Report No. :ICE-2106260843 NABL ULR No. :TC592621000006219F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
26-06-2021
Reviewer


26-06-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

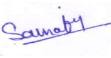
Test Report

Document QF : 2501
Page 1 of 2

Issued To	Sample Reg. No. :E01-2106220829
Jhajjar Power Limited	Sample Reg. Date :22-06-2021
Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar	Report Date :30-06-2021
Jhajjar	Report No. :ICE-2106301084
	NABL ULR No. :TC592621000006448F
	Customer Ref. No. :Order No.5030010814
	Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Guest House
Date of Monitoring	: 14-06-2021
Purpose of Monitoring	: For Self Monitoing
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.34
Volume of air sampled,m3	: 1815.36
Avg. Ambient Temperature,°C	: 35

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂),µg/m ³	IS:5182(P-2)	80 Max	4.10
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS:5182(P-6)	80 Max	6.01
c.	Particulate Matter (PM ₁₀),µg/m ³	IS:5182(P-23)	100 Max	76.90
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW-01	60 Max	26.09
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	BLQ (LOQ:14.0)
f.	Lead(As Pb),µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	BLQ (LOQ:1.0)
h.	Ammonia(NH ₃),µg/m ³	Method of Air Sampling &Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)


Saurabh Sharma
30-06-2021
Reviewer


30-06-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis,it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2106220829 Sample Reg. Date :22-06-2021 Report Date :30-06-2021 Report No. :ICE-2106301084 NABL ULR No. :TC592621000006448F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
30-06-2021
Reviewer


30-06-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 1 of 2

Issued To	Sample Reg. No. :E01-2106220830
Jhajjar Power Limited	Sample Reg. Date :22-06-2021
Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar	Report Date :30-06-2021
Jhajjar	Report No. :ICE-2106301083
	NABL ULR No. :TC592621000006449F
	Customer Ref. No. :Order No.5030010814
	Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Gate No. 3
Date of Monitoring	: 14-06-2021
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	: 1809.49
Avg. Ambient Temperature, °C	: 36

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	13.16
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	20.12
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	89.20
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	44.19
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ (LOQ:14.0)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	1.2
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)
i.	Benzene (C ₆ H ₆), µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)

Saurabh Sharma
30-06-2021
Reviewer

30-06-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2106220830 Sample Reg. Date :22-06-2021 Report Date :30-06-2021 Report No. :ICE-2106301083 NABL ULR No. :TC592621000006449F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

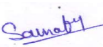
j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
30-06-2021
Reviewer


30-06-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 1 of 2

Issued To	Sample Reg. No. :E01-2106220831
Jhajjar Power Limited	Sample Reg. Date :22-06-2021
Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar	Report Date :30-06-2021
Jhajjar	Report No. :ICE-2106301085
	NABL ULR No. :TC592621000006450F
	Customer Ref. No. :Order No.5030010814
	Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Village- Khanpur
Date of Monitoring	: 14-06-2021
Purpose of Monitoring	: For Self Monitoing
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.33
Volume of air sampled,m3	: 1809.49
Avg. Ambient Temperature,°C	: 33

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂),µg/m ³	IS:5182(P-2)	80 Max	17.89
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS:5182(P-6)	80 Max	22.97
c.	Particulate Matter (PM ₁₀),µg/m ³	IS:5182(P-23)	100 Max	95.94
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW-01	60 Max	49.66
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	BLQ (LOQ:14.0)
f.	Lead(As Pb),µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	1.3
h.	Ammonia(NH ₃),µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)

Saurabh Sharma
30-06-2021
Reviewer

30-06-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2106220831 Sample Reg. Date :22-06-2021 Report Date :30-06-2021 Report No. :ICE-2106301085 NABL ULR No. :TC592621000006450F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

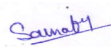
j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
30-06-2021
Reviewer


30-06-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 1 of 2

Issued To	Sample Reg. No. :E01-2106220832
Jhajjar Power Limited	Sample Reg. Date :22-06-2021
Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar	Report Date :30-06-2021
Jhajjar	Report No. :ICE-2106301082
	NABL ULR No. :TC592621000006451F
	Customer Ref. No. :Order No.5030010814
	Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Shakti Vihar
Date of Monitoring	: 14-06-2021
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.34
Volume of air sampled, m ³	: 1811.94
Avg. Ambient Temperature, °C	: 36

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	7.40
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	10.09
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	84.88
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	39.56
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ (LOQ:14.0)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	BLQ (LOQ:1.0)
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)
i.	Benzene (C ₆ H ₆), µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)

Saurabh Sharma
30-06-2021
Reviewer

30-06-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2106220832 Sample Reg. Date :22-06-2021 Report Date :30-06-2021 Report No. :ICE-2106301082 NABL ULR No. :TC592621000006451F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

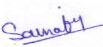
j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
30-06-2021
Reviewer


30-06-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 1 of 2

Issued To	Sample Reg. No. :E01-2106220833
Jhajjar Power Limited	Sample Reg. Date :22-06-2021
Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar	Report Date :30-06-2021
Jhajjar	Report No. :ICE-2106301080
	NABL ULR No. :TC592621000006452F
	Customer Ref. No. :Order No.5030010814
	Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Guest House
Date of Monitoring	: 17-06-2021
Purpose of Monitoring	: For Self Monitoing
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.34
Volume of air sampled,m3	: 1800.29
Avg. Ambient Temperature,°C	: 38

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂),µg/m ³	IS:5182(P-2)	80 Max	6.19
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS:5182(P-6)	80 Max	10.13
c.	Particulate Matter (PM ₁₀),µg/m ³	IS:5182(P-23)	100 Max	79.15
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW-01	60 Max	31.57
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	BLQ (LOQ:14)
f.	Lead(As Pb),µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	BLQ (LOQ:1.0)
h.	Ammonia(NH ₃),µg/m ³	Method of Air Sampling &Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)

Saurabh Sharma
30-06-2021
Reviewer

30-06-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis,it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2106220833 Sample Reg. Date :22-06-2021 Report Date :30-06-2021 Report No. :ICE-2106301080 NABL ULR No. :TC592621000006452F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

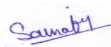
j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
30-06-2021
Reviewer


30-06-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 1 of 2

Issued To	Sample Reg. No. :E01-2106220834
Jhajjar Power Limited	Sample Reg. Date :22-06-2021
Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar	Report Date :30-06-2021
Jhajjar	Report No. :ICE-2106301081
	NABL ULR No. :TC592621000006454F
	Customer Ref. No. :Order No.5030010814
	Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Gate No. 3
Date of Monitoring	: 17-06-2021
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.34
Volume of air sampled, m ³	: 1800.29
Avg. Ambient Temperature, °C	: 38

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	9.90
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	18.10
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	82.82
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	37.88
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ(LOQ:14.0)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	1.1
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ(LOQ:5.0)
i.	Benzene (C ₆ H ₆), µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)

Saurabh Sharma
30-06-2021
Reviewer

30-06-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2106220834 Sample Reg. Date :22-06-2021 Report Date :30-06-2021 Report No. :ICE-2106301081 NABL ULR No. :TC592621000006454F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

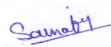
j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
30-06-2021
Reviewer


30-06-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

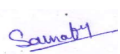
Document QF : 2501

Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2106220835 Sample Reg. Date :22-06-2021 Report Date :30-06-2021 Report No. :ICE-2106301079 NABL ULR No. :TC592621000006455F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information : Location of Sampling Point Date of Monitoring Purpose of Monitoring Duration of Monitoring, minutes Avg. Flow Rate of Sampling, m ³ /min Volume of air sampled, m ³ Avg. Ambient Temperature, °C	: Village- Khanpur : 17-06-2021 : For Self Monitoring : 1440 : 1.29 : 1733.11 : 38

Description				
Description	Ambient Air Quality Monitoring			
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Atmospheric Pollution				
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	16.09
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	22.97
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	97.80
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	50.08
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ(LOQ:14.0)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	1.1
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ(LOQ:5.0)
i.	Benzene (C ₆ H ₆), µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)


Saurabh Sharma
30-06-2021
Reviewer


30-06-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2106220835 Sample Reg. Date :22-06-2021 Report Date :30-06-2021 Report No. :ICE-2106301079 NABL ULR No. :TC592621000006455F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
30-06-2021
Reviewer


30-06-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

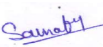
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2106220836 Sample Reg. Date :22-06-2021 Report Date :30-06-2021 Report No. :ICE-2106301078 NABL ULR No. :TC592621000006456F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Shakti Vihar
Date of Monitoring	: 17-06-2021
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.34
Volume of air sampled, m ³	: 1806.09
Avg. Ambient Temperature, °C	: 37

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	7.81
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	12.12
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	83.88
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	36.62
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ(LOQ:14.0)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	BLQ (LOQ:1.0)
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ(LOQ:5.0)
i.	Benzene (C ₆ H ₆), µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)


Saurabh Sharma
30-06-2021
Reviewer


30-06-2021
Prem Kumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2106220836 Sample Reg. Date :22-06-2021 Report Date :30-06-2021 Report No. :ICE-2106301078 NABL ULR No. :TC592621000006456F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
30-06-2021
Reviewer


30-06-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 1 of 2

Issued To	Sample Reg. No. :E01-2106301274
Jhajjar Power Limited	Sample Reg. Date :30-06-2021
Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar	Report Date :06-07-2021
Jhajjar	Report No. :ICE-2107060277
	NABL ULR No. :TC592621000006862F
	Customer Ref. No. :Order No.5030010814
	Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Guest House
Date of Monitoring	: 21-06-2021
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.34
Volume of air sampled, m ³	: 1800.29
Avg. Ambient Temperature, °C	: 38

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	4.13
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	6.05
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	75.27
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	29.46
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ (LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	BLQ (LOQ:1.0)
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)
i.	Benzene (C ₆ H ₆), µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)

Saurabh Sharma
06-07-2021
Reviewer

06-07-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2106301274 Sample Reg. Date :30-06-2021 Report Date :06-07-2021 Report No. :ICE-2107060277 NABL ULR No. :TC592621000006862F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
06-07-2021
Reviewer


06-07-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2106301275 Sample Reg. Date :30-06-2021 Report Date :06-07-2021 Report No. :ICE-2107060278 NABL ULR No. :TC592621000006863F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Gate No.3
Date of Monitoring	: 21-06-2021
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.33
Volume of air sampled,m3	: 1792.61
Avg. Ambient Temperature,°C	: 37

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂),µg/m ³	IS:5182(P-2)	80 Max	16.03
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS:5182(P-6)	80 Max	23.05
c.	Particulate Matter (PM ₁₀),µg/m ³	IS:5182(P-23)	100 Max	99.58
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW-01	60 Max	56.82
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	BLQ (LOQ:14)
f.	Lead(As Pb),µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	1.1
h.	Ammonia(NH ₃),µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)

Saurabh Sharma
06-07-2021
Reviewer

06-07-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2106301275 Sample Reg. Date :30-06-2021 Report Date :06-07-2021 Report No. :ICE-2107060278 NABL ULR No. :TC592621000006863F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

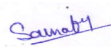
j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
06-07-2021
Reviewer


06-07-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

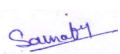
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2106301276 Sample Reg. Date :30-06-2021 Report Date :06-07-2021 Report No. :ICE-2107060279 NABL ULR No. :TC592621000006864F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information : Location of Sampling Point Date of Monitoring Purpose of Monitoring Duration of Monitoring, minutes Avg. Flow Rate of Sampling, m ³ /min Volume of air sampled, m ³ Avg. Ambient Temperature, °C	: Village-Khanpur : 21-06-2021 : For Self Monitoring : 1440 : 1.34 : 1800.29 : 38

Description				
Description	Ambient Air Quality Monitoring			
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Atmospheric Pollution				
1. Ambient Air Quality Parameters				
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	18.16
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	25.12
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	97.37
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	55.98
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ (LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	1.4
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)
i.	Benzene (C ₆ H ₆), µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)


Saurabh Sharma
06-07-2021
Reviewer


06-07-2021
Prem Kumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2106301276 Sample Reg. Date :30-06-2021 Report Date :06-07-2021 Report No. :ICE-2107060279 NABL ULR No. :TC592621000006864F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

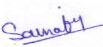
j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
06-07-2021
Reviewer


06-07-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 1 of 2

Issued To	Sample Reg. No. :E01-2106301277
Jhajjar Power Limited	Sample Reg. Date :30-06-2021
Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar	Report Date :06-07-2021
Jhajjar	Report No. :ICE-2107060280
	NABL ULR No. :TC592621000006866F
	Customer Ref. No. :Order No.5030010814
	Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Shakti Vihar
Date of Monitoring	: 21-06-2021
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.32
Volume of air sampled, m ³	: 1779.14
Avg. Ambient Temperature, °C	: 37

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	4.93
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	7.10
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	72.11
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	26.94
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ (LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	BLQ (LOQ:1.0)
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)
i.	Benzene (C ₆ H ₆), µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)

Saurabh Sharma
06-07-2021
Reviewer

06-07-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2106301277 Sample Reg. Date :30-06-2021 Report Date :06-07-2021 Report No. :ICE-2107060280 NABL ULR No. :TC592621000006866F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

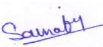
j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
06-07-2021
Reviewer


06-07-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

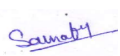
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2106301278 Sample Reg. Date :30-06-2021 Report Date :06-07-2021 Report No. :ICE-2107060281 NABL ULR No. :TC592621000006867F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information : Location of Sampling Point Date of Monitoring Purpose of Monitoring Duration of Monitoring, minutes Avg. Flow Rate of Sampling, m3/min Volume of air sampled, m3 Avg. Ambient Temperature, °C	: Near Guest House : 24-06-2021 : For Self Monitoring : 1440 : 1.34 : 1800.29 : 38

Description				
Description	Ambient Air Quality Monitoring			
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Atmospheric Pollution				
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	7.01
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	10.07
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	83.65
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	39.98
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ (LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	BLQ (LOQ:1.0)
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)
i.	Benzene (C ₆ H ₆), µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)


Saurabh Sharma
06-07-2021
Reviewer


06-07-2021
Prem Kumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2106301278 Sample Reg. Date :30-06-2021 Report Date :06-07-2021 Report No. :ICE-2107060281 NABL ULR No. :TC592621000006867F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

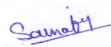
j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
06-07-2021
Reviewer


06-07-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2106301279 Sample Reg. Date :30-06-2021 Report Date :06-07-2021 Report No. :ICE-2107060282 NABL ULR No. :TC592621000006869F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information : Location of Sampling Point Date of Monitoring Purpose of Monitoring Duration of Monitoring, minutes Avg. Flow Rate of Sampling, m ³ /min Volume of air sampled, m ³ Avg. Ambient Temperature, °C	: Near Gate No.3 : 24-06-2021 : For Self Monitoring : 1440 : 1.34 : 1800.29 : 38

Description				
Description	Ambient Air Quality Monitoring			
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Atmospheric Pollution				
1. Ambient Air Quality Parameters				
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	9.90
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	19.01
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	94.37
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	50.08
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ (LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.5)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	1.3
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)
i.	Benzene (C ₆ H ₆), µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)

Saurabh Sharma
06-07-2021
Reviewer

06-07-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2106301279 Sample Reg. Date :30-06-2021 Report Date :06-07-2021 Report No. :ICE-2107060282 NABL ULR No. :TC592621000006869F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
06-07-2021
Reviewer


06-07-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 1 of 2

Issued To	Sample Reg. No. :E01-2106301280
Jhajjar Power Limited	Sample Reg. Date :30-06-2021
Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar	Report Date :06-07-2021
Jhajjar	Report No. :ICE-2107060283
	NABL ULR No. :TC592621000006870F
	Customer Ref. No. :Order No.5030010814
	Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Village- Khanpur
Date of Monitoring	: 24-06-2021
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m3/min	: 1.34
Volume of air sampled, m3	: 1794.51
Avg. Ambient Temperature, °C	: 39

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	12.43
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	16.07
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	96.68
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	48.82
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ (LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	1.2
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)
i.	Benzene (C ₆ H ₆), µg/m ³	IS 5182 (Part 11)	5 Max	1.2

Saurabh Sharma
06-07-2021
Reviewer

06-07-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2106301280 Sample Reg. Date :30-06-2021 Report Date :06-07-2021 Report No. :ICE-2107060283 NABL ULR No. :TC592621000006870F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
06-07-2021
Reviewer


06-07-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 1 of 2

Issued To	Sample Reg. No. :E01-2106301281
Jhajjar Power Limited	Sample Reg. Date :30-06-2021
Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar	Report Date :06-07-2021
Jhajjar	Report No. :ICE-2107060284
	NABL ULR No. :TC592621000006872F
	Customer Ref. No. :Order No.5030010814
	Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Shakti Vihar
Date of Monitoring	: 24-06-2021
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.33
Volume of air sampled, m ³	: 1786.85
Avg. Ambient Temperature, °C	: 38

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	7.43
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	10.13
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	79.81
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	29.88
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ (LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	BLQ (LOQ:1.0)
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)
i.	Benzene (C ₆ H ₆), µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)

Saurabh Sharma
06-07-2021
Reviewer

06-07-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2106301281 Sample Reg. Date :30-06-2021 Report Date :06-07-2021 Report No. :ICE-2107060284 NABL ULR No. :TC592621000006872F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

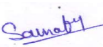
j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
06-07-2021
Reviewer


06-07-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 1 of 2

Issued To	Sample Reg. No. :E01-2107010007
Jhajjar Power Limited	Sample Reg. Date :01-07-2021
Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar	Report Date :06-07-2021
Jhajjar	Report No. :ICE-2107060285
	NABL ULR No. :TC592621000006904F
	Customer Ref. No. :Order No.5030010814
	Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Guest House
Date of Monitoring	: 28-06-2021
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.34
Volume of air sampled, m ³	: 1788.78
Avg. Ambient Temperature, °C	: 40

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	5.40
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	10.15
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	82.46
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	40.82
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ (LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	BLQ (LOQ:1.0)
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)
i.	Benzene (C ₆ H ₆), µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)

Saurabh Sharma
06-07-2021
Reviewer

06-07-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2107010007 Sample Reg. Date :01-07-2021 Report Date :06-07-2021 Report No. :ICE-2107060285 NABL ULR No. :TC592621000006904F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

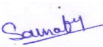
j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
06-07-2021
Reviewer


06-07-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 1 of 2

Issued To	Sample Reg. No. :E01-2107010008
Jhajjar Power Limited	Sample Reg. Date :01-07-2021
Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar	Report Date :06-07-2021
Jhajjar	Report No. :ICE-2107060286
	NABL ULR No. :TC592621000006903F
	Customer Ref. No. :Order No.5030010814
	Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Gate No.3
Date of Monitoring	: 28-06-2021
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.34
Volume of air sampled, m ³	: 1794.51
Avg. Ambient Temperature, °C	: 39

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	12.84
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	24.02
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	97.52
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	53.03
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ (LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	1.1
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)
i.	Benzene (C ₆ H ₆), µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)

Saurabh Sharma
06-07-2021
Reviewer

06-07-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2107010008 Sample Reg. Date :01-07-2021 Report Date :06-07-2021 Report No. :ICE-2107060286 NABL ULR No. :TC592621000006903F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

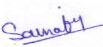
j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
06-07-2021
Reviewer


06-07-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 1 of 2

Issued To	Sample Reg. No. :E01-2107010009
Jhajjar Power Limited	Sample Reg. Date :01-07-2021
Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar	Report Date :06-07-2021
Jhajjar	Report No. :ICE-2107060288
	NABL ULR No. :TC592621000006902F
	Customer Ref. No. :Order No.5030010814
	Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Village- Khanpur
Date of Monitoring	: 28-06-2021
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.33
Volume of air sampled, m ³	: 1775.43
Avg. Ambient Temperature, °C	: 40

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	10.81
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	14.14
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	93.27
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	50.51
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ (LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	1.3
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)
i.	Benzene (C ₆ H ₆), µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)

Saurabh Sharma
06-07-2021
Reviewer

06-07-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2107010009 Sample Reg. Date :01-07-2021 Report Date :06-07-2021 Report No. :ICE-2107060288 NABL ULR No. :TC592621000006902F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

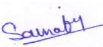
j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
06-07-2021
Reviewer


06-07-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 1 of 2

Issued To	Sample Reg. No. :E01-2107010010
Jhajjar Power Limited	Sample Reg. Date :01-07-2021
Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar	Report Date :06-07-2021
Jhajjar	Report No. :ICE-2107060289
	NABL ULR No. :TC592621000006901F
	Customer Ref. No. :Order No.5030010814
	Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Shakti Vihar
Date of Monitoring	: 28-06-2021
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.34
Volume of air sampled, m ³	: 1788.78
Avg. Ambient Temperature, °C	: 40

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	5.40
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	8.15
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	74.30
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	29.88
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ (LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	BLQ (LOQ:1.0)
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)
i.	Benzene (C ₆ H ₆), µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)

Saurabh Sharma
06-07-2021
Reviewer

06-07-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2107010010 Sample Reg. Date :01-07-2021 Report Date :06-07-2021 Report No. :ICE-2107060289 NABL ULR No. :TC592621000006901F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

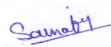
j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
06-07-2021
Reviewer


06-07-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2106120320 Sample Reg. Date :12-06-2021 Report Date :22-06-2021 Report No. :ICE-2106220613 NABL ULR No. :TC592621000005971F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: EPA Act 1986/PCLS/2010
General Information : Date of Monitoring Time of Monitoring Name of the emission source monitored (a) Rated Capacity (b) Capacity on sampling day (c) Type of fuel used & its consumption (d) Normal operating schedule 2. Stack Identification 3.Type of Stack/Duct 4.Stack Height from Ground Level(m) Diameter of the Stack(cm) (6) Sampling Duration(minutes) Purpose of Monitoring (8) Air Pollution control measure (a) Status (b) Recovery of Material (9) Fugitive Emission,if any Observations : Flue Gas Temperature, °C,Avg. Flue Gas Velocity(m/s),Avg. Volumetric Flow Rate(Nm ³ /hr.) Ambient Air Temperature, °C	: 11-06-2021 : 10:00 hrs to 11:51 hrs : Stack Emission of Boiler : 660 MW : 404 MW : Coal & 232 Ton/hr : 24 hrs : Stack attached to Boiler, Unit-I (at 65 meter's height) : Metal : 275 : 700 : 111 : For Self Monitoring : ESP + FF + FGD + Low NOx Burner : Working : - : Nil : 60 : 20.79 : 2491543.67 : 32

S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	General Parameters			

Saurabh Sharma
22-06-2021
Reviewer

22-06-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2106120320 Sample Reg. Date :12-06-2021 Report Date :22-06-2021 Report No. :ICE-2106220613 NABL ULR No. :TC592621000005971F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

a.	Particulate Matter, mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-1)	Max. 50	34.60
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-2)	Max. 200	177.90
c.	Oxides of Nitrogen (NO _x), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-7)	Max. 450	265.23
d.	Mercury(As Hg),mg/Nm ³	USEPA Method	Max. 0.03	BLQ(LOQ:0.01)
e.	Carbon Monoxide(CO),% v/v	IS:13270	Max. 1.0	0.2
f.	Moisture, % by mass	IS: 11255 (P-3)	Not Specified	7.4

'#' represents Customer Defined Fields

NOTE : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per EPA Act 1986/PCLS/2010, Sample collected by lab rep. on dated 11.06.2021, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A

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


Saurabh Sharma
22-06-2021
Reviewer


22-06-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2106120321 Sample Reg. Date :12-06-2021 Report Date :22-06-2021 Report No. :ICE-2106220615 NABL ULR No. :TC592621000005970F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: EPA Act 1986/PCLS/2010
General Information :	
Date of Monitoring	: 11-06-2021
Time of Monitoring	: 12:00 hrs to 13:40 hrs
Name of the emission source monitored	: Stack Emission of Boiler
(a) Rated Capacity	: 660 MW
(b) Capacity on sampling day	: 402 MW
(c) Type of fuel used & its consumption	: Coal & 233 Ton/hr
(d) Normal operating schedule	: 24 hrs
2. Stack Identification	: Stack attached to Boiler, Unit-II (st 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)	: 100
Purpose of Monitoring	: For Self Monitoring
(8) Air Pollution control measure	: ESP + FF + FGD + Low NOx Burner
(a) Status	: Working
(b) Recovery of Material	: -
(9) Fugitive Emission,if any	: Nil
Observations :	
Flue Gas Temperature, °C,Avg.	: 59
Flue Gas Velocity(m/s),Avg.	: 22.83
Volumetric Flow Rate(Nm ³ /hr.)	: 2744265.19
Ambient Air Temperature, °C	: 40

S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	General Parameters			

Saurabh Sharma
22-06-2021
Reviewer

22-06-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2106120321 Sample Reg. Date :12-06-2021 Report Date :22-06-2021 Report No. :ICE-2106220615 NABL ULR No. :TC592621000005970F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

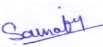
a.	Particulate Matter, mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-1)	Max. 50	31.18
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-2)	Max. 200	168.66
c.	Oxides of Nitrogen (NO _x), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-7)	Max. 450	243.31
d.	Mercury(As Hg),mg/Nm ³	USEPA Method	Max. 0.03	BLQ(LOQ:0.01)
e.	Carbon Monoxide(CO),% v/v	IS:13270	Max. 1.0	0.2
f.	Moisture, % by mass	IS: 11255 (P-3)	Not Specified	7.0

'#' represents Customer Defined Fields

NOTE : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per EPA Act 1986/PCLS/2010, Sample collected by lab rep. on dated 11.06.2021, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A

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


Saurabh Sharma
22-06-2021
Reviewer


22-06-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

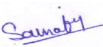
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2106190714 Sample Reg. Date :19-06-2021 Report Date :23-06-2021 Report No. :ICE-2106230698 NABL ULR No. :TC592621000006091F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: EPA Act 1986/PCLS/2010
General Information :	
Date of Monitoring	: 18-06-2021
Time of Monitoring	: 11:50 hrs to 13:13 hrs
Name of the emission source monitored	: Stack Emission of Boiler
(a) Rated Capacity	: 660 MW
(b) Capacity on sampling day	: 600 MW
(c) Type of fuel used & its consumption	: Coal & 402 Ton/hr
(d) Normal operating schedule	: 24 hrs
2. Stack Identification	: Stack attached to boiler, Unit-I (at 65 meter's height)
3.Type of Stack/Duct	: Metal
4.Stack Height from Ground Level(m)	: 275
Diameter of the Stack(cm)	: 700
(6) Sampling Duration(minutes)	: 83
Purpose of Monitoring	: For Self Monitoring
(8) Air Pollution control measure	: ESP + FF + FGD + Low Nox Burner
(a) Status	: Working
(b) Recovery of Material	: -
(9) Fugitive Emission,if any	: Nil
Observations :	
Flue Gas Temperature, °C,Avg.	: 70
Flue Gas Velocity(m/s),Avg.	: 28.22
Volumetric Flow Rate(Nm ³ /hr.)	: 3283379.92
Ambient Air Temperature, °C	: 35

S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	General Parameters			


Saurabh Sharma
23-06-2021
Reviewer


23-06-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2106190714 Sample Reg. Date :19-06-2021 Report Date :23-06-2021 Report No. :ICE-2106230698 NABL ULR No. :TC592621000006091F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

a.	Particulate Matter, mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-1)	Max. 50	35.09
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-2)	Max. 200	158.03
c.	Oxides of Nitrogen (NO _x), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-7)	Max. 450	285.88
d.	Mercury(As Hg),mg/Nm ³	USEPA Method	Max. 0.03	BLQ(LOQ:0.01)
e.	Carbon Monoxide(CO),% v/v	IS:13270	Max. 1.0	0.2
f.	Moisture, % by mass	IS: 11255 (P-3)	Not Specified	6.2

'#' represents Customer Defined Fields

NOTE : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per EPA Act 1986/PCLS/2010 , Sample collected by lab rep. on dated 18.06.2021, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A

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


Saurabh Sharma
23-06-2021
Reviewer


23-06-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2106190715 Sample Reg. Date :19-06-2021 Report Date :23-06-2021 Report No. :ICE-2106230691 NABL ULR No. :TC592621000006095F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: EPA Act 1986/PCLS/2010
General Information : Date of Monitoring Time of Monitoring Name of the emission source monitored (a) Rated Capacity (b) Capacity on sampling day (c) Type of fuel used & its consumption (d) Normal operating schedule 2. Stack Identification 3.Type of Stack/Duct 4.Stack Height from Ground Level(m) Diameter of the Stack(cm) (6) Sampling Duration(minutes) Purpose of Monitoring (8) Air Pollution control measure (a) Status (b) Recovery of Material (9) Fugitive Emission,if any Observations : Flue Gas Temperature, °C,Avg. Flue Gas Velocity(m/s),Avg. Volumetric Flow Rate(Nm ³ /hr.) Ambient Air Temperature, °C	: 18-06-2021 : 10:00 hrs to 11:40 hrs : Stack Emission of Boiler : 660 MW : 521 MW : Coal & 321 Ton/hr : 24 hrs : Stack attached to Boiler, Unit-II (at 65 meter's height) : Metal : 275 : 700 : 100 : For Self Monitoring : ESP + FF + FGD + Low Nox Burner : Working : - : Nil : 67 : 24.77 : 2927181.95 : 33

S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	General Parameters			

Saurabh Sharma
23-06-2021
Reviewer

23-06-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2106190715 Sample Reg. Date :19-06-2021 Report Date :23-06-2021 Report No. :ICE-2106230691 NABL ULR No. :TC592621000006095F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

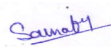
a.	Particulate Matter, mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-1)	Max. 50	28.43
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-2)	Max. 200	174.07
c.	Oxides of Nitrogen (NO _x), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-7)	Max. 450	264.40
d.	Mercury(As Hg),mg/Nm ³	USEPA Method	Max. 0.03	BLQ(LOQ:0.01)
e.	Carbon Monoxide(CO),% v/v	IS:13270	Max. 1.0	0.2
f.	Moisture, % by mass	IS: 11255 (P-3)	Not Specified	6.8

'#' 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 18.06.2021, Sampling Procedure - SOP/ITC/EW/056

REMARKS : N/A

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


Saurabh Sharma
23-06-2021
Reviewer


23-06-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

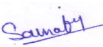
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2106261078 Sample Reg. Date :26-06-2021 Report Date :01-07-2021 Report No. :ICE-2107010007 NABL ULR No. :TC592621000006576F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: EPA Act 1986/PCLS/2010
General Information : Date of Monitoring Time of Monitoring Name of the emission source monitored (a) Rated Capacity (b) Capacity on sampling day (c) Type of fuel used & its consumption (d) Normal operating schedule 2. Stack Identification 3.Type of Stack/Duct 4.Stack Height from Ground Level(m) Diameter of the Stack(cm) (6) Sampling Duration(minutes) Purpose of Monitoring (8) Air Pollution control measure (a) Status (b) Recovery of Material (9) Fugitive Emission,if any Observations : Flue Gas Temperature, °C,Avg. Flue Gas Velocity(m/s),Avg. Volumetric Flow Rate(Nm ³ /hr.) Ambient Air Temperature, °C	: 25.06.2021 : 11:10 Hrs to 12:50 Hrs : Stack Emission of Boiler : 660 MW : 610 MW : Coal & 337 Ton/hr : 24 hrs : Stack attached to Boiler, Unit-I (at 65 meter's height) : Metal : 275 : 700 : 100 : For Self Monitoring : ESP + FF + FGD + Low Nox Burner : Working : - : Nil : 72 : 25.14 : 2908067.12 : 35

S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	General Parameters			


Saurabh Sharma
01-07-2021
Reviewer


01-07-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2106261078 Sample Reg. Date :26-06-2021 Report Date :01-07-2021 Report No. :ICE-2107010007 NABL ULR No. :TC592621000006576F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

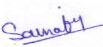
a.	Particulate Matter, mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-1)	Max. 50	34.53
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-2)	Max. 200	170.84
c.	Oxides of Nitrogen (NO _x), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-7)	Max. 450	318.35
d.	Mercury(As Hg),mg/Nm ³	USEPA Method	Max. 0.03	BLQ(LOQ:0.01)
e.	Carbon Monoxide(CO),% v/v	IS:13270	Max. 1.0	0.2
f.	Moisture, % by mass	IS: 11255 (P-3)	Not Specified	6.8

'#' 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 25.06.2021, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A

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


Saurabh Sharma
01-07-2021
Reviewer


01-07-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 1 of 2

Issued To	Sample Reg. No. :E01-2106261079 Sample Reg. Date :26-06-2021 Report Date :01-07-2021 Report No. :ICE-2107010008 NABL ULR No. :TC592621000006577F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020
Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	

Test Report as per :	: EPA Act 1986/PCLS/2010
General Information :	
Date of Monitoring	: 25.06.2021
Time of Monitoring	: 13:00 Hrs to 14:40 Hrs
Name of the emission source monitored	: Stack Emission of Boiler
(a) Rated Capacity	: 660 MW
(b) Capacity on sampling day	: 628 MW
(c) Type of fuel used & its consumption	: Coal & 352 Ton/hr
(d) Normal operating schedule	: 24 hrs
2. Stack Identification	: Stack attached to Boiler, Unit-II (at 65 meter's height)
3.Type of Stack/Duct	: Metal
4.Stack Height from Ground Level(m)	: 275
Diameter of the Stack(cm)	: 700
(6) Sampling Duration(minutes)	: 100
Purpose of Monitoring	: For Self Monitoring
(8) Air Pollution control measure	: ESP + FF + FGD + Low Nox Burner
(a) Status	: Working
(b) Recovery of Material	: -
(9) Fugitive Emission,if any	: Nil
Observations :	
Flue Gas Temperature, °C,Avg.	: 69
Flue Gas Velocity(m/s),Avg.	: 24.96
Volumetric Flow Rate(Nm ³ /hr.)	: 2912572.36
Ambient Air Temperature, °C	: 35

S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	General Parameters			

Saurabh Sharma
01-07-2021
Reviewer

01-07-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2106261079 Sample Reg. Date :26-06-2021 Report Date :01-07-2021 Report No. :ICE-2107010008 NABL ULR No. :TC592621000006577F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

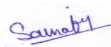
a.	Particulate Matter, mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-1)	Max. 50	37.89
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-2)	Max. 200	184.87
c.	Oxides of Nitrogen (NO _x), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-7)	Max. 450	309.66
d.	Mercury(As Hg),mg/Nm ³	USEPA Method	Max. 0.03	BLQ(LOQ:0.01)
e.	Carbon Monoxide(CO),% v/v	IS:13270	Max. 1.0	0.2
f.	Moisture, % by mass	IS: 11255 (P-3)	Not Specified	5.6

'#' represents Customer Defined Fields

NOTE : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per EPA Act 1986/PCLS/2010, Sample collected by lab rep. on dated 25.06.2021, Sampling Procedure - SOP/ITC/EW/056

REMARKS : N/A

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


Saurabh Sharma
01-07-2021
Reviewer


01-07-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 1 of 3

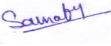
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2106220789 Sample Reg. Date :22-06-2021 Report Date :29-06-2021 Report No. :ICE-2106291014 NABL ULR No. :TC592621000006379F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

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

PART A : PARTICULARS OF SAMPLE SUBMITTED

a)	Nature of Sample #	ETP Inlet Water
b)	Grade / Variety / Type / Class / Size etc.	NA
c)	Brand Name	NA
d)	Declared Values,if any	NA
e)	Code No.	
f)	Batch Number #	NA
g)	D.O.M #	NA
h)	Date of Expiry #	NA
i)	Sample Quantity #	2 Ltr
j)	Batch Size/Location #	NA
k)	Mode of Packing	Packed in bottles
l)	Date of Receipt	22-06-2021
m)	Date of Start	22-06-2021
n)	Date of Completion	29-06-2021
o)	Seal (Intact/Not Intact/Unsealed)	NA
p)	IO'S Signature (Signed/Unsigned)	Unsigned
q)	Any Other Information	Sample collected by lab rep. on 18.06.2021
r)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
s)	Manufactured By #	NA
t)	Supplied By #	NA

PART B : SUPPLIMENTARY INFORMATIONS


Saurabh Sharma
29-06-2021
Reviewer


29-06-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

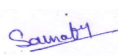
Document QF : 2501

Page 2 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2106220789 Sample Reg. Date :22-06-2021 Report Date :29-06-2021 Report No. :ICE-2106291014 NABL ULR No. :TC592621000006379F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

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

Description				
Description		ETP Inlet Water		
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Pollution & Environment				
1. General Parameters				
a.	Colour	IS:3025(Part4):1983(RA:2017)amd. no1		Greyish
b.	Odour	IS:3025(Part 5):1983(RA:2017)		Mild
c.	pH Value	IS:3025 (Part - 11):1983(RA:2017)		8.11
d.	Total Suspended Solids,(mg/l)	IS:3025(Part 17)		78
e.	Total Dissolved Solids (mg/l)	IS:3025(Part 16):1984(RA.2006)	-	481
f.	Chemical Oxygen Demand(mg/l)	APHA-23rd Edition		128
g.	Bio-chemical Oxygen Demand, mg/l (3 days at 27°C)	IS:3025(P-44)		43
h.	Oil & Grease(mg/l)	IS:3025(P-39)		1.6
i.	Zinc(As Zn)(mg/l)	IS: 3025 (P-2)		BLQ(LOQ:0.05)
j.	Arsenic(as As)(mg/l)	IS: 3025 (P-2)		BLQ(LOQ:0.05)
k.	Total Chromium as Cr (mg/l)	IS: 3025 (P-2)		BLQ(LOQ:0.05)
l.	Cyanide as CN, (mg/l)	IS:3025(P-27)		Absent
m.	Iron(as Fe)(mg/l)	IS: 3025 (P-2)		BLQ(LOQ:0.05)
n.	Temperature(°C)	IS: 3025 (P-9)		24.1


Saurabh Sharma
29-06-2021
Reviewer


29-06-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 3 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2106220789 Sample Reg. Date :22-06-2021 Report Date :29-06-2021 Report No. :ICE-2106291014 NABL ULR No. :TC592621000006379F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

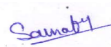
o.	Free Residual Chlorine (mg/l)	IS:3025(Part 26):1986(RA:2014)amd no 1		BLQ (LOQ:1.0)
p.	Phosphate as P (mg/l)	APHA-23rd Edition		1.8

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
29-06-2021
Reviewer


29-06-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 1 of 3

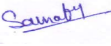
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2106220791 Sample Reg. Date :22-06-2021 Report Date :29-06-2021 Report No. :ICE-2106290995 NABL ULR No. :TC592621000006377F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

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)	Grade / Variety / Type / Class / Size etc.	NA
c)	Brand Name	NA
d)	Declared Values,if any	NA
e)	Code No.	
f)	Batch Number #	NA
g)	D.O.M #	NA
h)	Date of Expiry #	NA
i)	Sample Quantity #	2+5 Ltr
j)	Batch Size/Location #	NA
k)	Mode of Packing	Packed in bottles & in cans
l)	Date of Receipt	22-06-2021
m)	Date of Start	22-06-2021
n)	Date of Completion	29-06-2021
o)	Seal (Intact/Not Intact/Unsealed)	NA
p)	IO'S Signature (Signed/Unsigned)	Unsigned
q)	Any Other Information	Sample collected by lab rep. on 18.06.2021
r)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
s)	Manufactured By #	NA
t)	Supplied By #	NA

PART B : SUPPLIMENTARY INFORMATIONS


Saurabh Sharma
29-06-2021
Reviewer


29-06-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

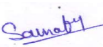
Document QF : 2501

Page 2 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2106220791 Sample Reg. Date :22-06-2021 Report Date :29-06-2021 Report No. :ICE-2106290995 NABL ULR No. :TC592621000006377F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

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

Description				
Description		ETP Outlet Water		
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Pollution & Environment				
1. General Parameters				
a.	Colour	IS:3025(Part4):1983(RA: 2017)amd. no1	Not Specified	Colourless
b.	Odour	IS:3025(Part 5):1983(RA:2017)	Not Specified	Non
c.	pH Value	IS:3025 (Part - 11):1983(RA:2017)	5.5-9	8.05
d.	Total Suspended Solids,(mg/l)	IS:3025(Part 17)	Max. 100	11
e.	Total Dissolved Solids (mg/l)	IS:3025(Part 16):1984(RA.2006)	Max. 2100--	467
f.	Chemical Oxygen Demand(mg/l)	APHA-23rd Edition	Max. 250	16
g.	Bio-chemical Oxygen Demand, mg/l (3 days at 27°C)	IS:3025(P-44)	Max. 30	4
h.	Oil & Grease(mg/l)	IS:3025(P-39)	Max. 10	<0.1
i.	Zinc(As Zn)(mg/l)	IS: 3025 (P-2)	Max. 5.0	BLQ(LOQ:0.05)
j.	Arsenic(as As)(mg/l)	IS: 3025 (P-2)	Max. 0.2	BLQ(LOQ:0.05)
k.	Total Chromium as Cr (mg/l)	IS: 3025 (P-2)	Max. 2.0	BLQ(LOQ:0.05)
l.	Cyanide as CN, (mg/l)	IS:3025(P-27)	Max. 0.2	Absent
m.	Iron(as Fe)(mg/l)	IS: 3025 (P-2)	Max. 3.0	BLQ(LOQ:0.05)


Saurabh Sharma
29-06-2021
Reviewer


29-06-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 3 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2106220791 Sample Reg. Date :22-06-2021 Report Date :29-06-2021 Report No. :ICE-2106290995 NABL ULR No. :TC592621000006377F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

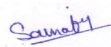
n.	Bio Assay Test	IS:6582-1971	Minimum 90 % survival of fish was observed after 96 hours in 100 % effluent	90% survival of fishes was observed in 100% effluent after 96 hours
o.	Temperature(°C)	IS: 3025 (P-9)		24.0
p.	Free Residual Chlorine (mg/l)	IS:3025(P-26)	Max. 1.0	BLQ (LOQ:1.0)
q.	Phosphate as P (mg/l)	APHA-23rd Edition	Not Specified	1.1

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
29-06-2021
Reviewer


29-06-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 1 of 3

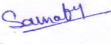
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2106220793 Sample Reg. Date :22-06-2021 Report Date :01-07-2021 Report No. :ICE-2107010001 NABL ULR No. :TC592621000006564F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

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)	Grade / Variety / Type / Class / Size etc.	NA
c)	Brand Name	NA
d)	Declared Values,if any	NA
e)	Code No.	
f)	Batch Number #	NA
g)	D.O.M #	NA
h)	Date of Expiry #	NA
i)	Sample Quantity #	2 Ltr
j)	Batch Size/Location #	NA
k)	Mode of Packing	Packed in bottles
l)	Date of Receipt	22-06-2021
m)	Date of Start	22-06-2021
n)	Date of Completion	01-07-2021
o)	Seal (Intact/Not Intact/Unsealed)	NA
p)	IO'S Signature (Signed/Unsigned)	Unsigned
q)	Any Other Information	Sample collected by lab rep. on 18.06.2021
r)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
s)	Manufactured By #	NA
t)	Supplied By #	NA

PART B : SUPPLIMENTARY INFORMATIONS


Saurabh Sharma
01-07-2021
Reviewer


01-07-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 2 of 3

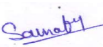
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. : E01-2106220793 Sample Reg. Date : 22-06-2021 Report Date : 01-07-2021 Report No. : ICE-2107010001 NABL ULR No. : TC592621000006564F Customer Ref. No. : Order No.5030010814 Letter Dated : 29.10.2020

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

Description				
Description		STP Inlet Water (Plant)		
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Pollution & Environment				
1. General Parameters				
a.	Colour	IS:3025(Part4):1983(RA:2017)amd. no1		Greyish
b.	Odour	IS:3025(Part 5):1983(RA:2017)		Mild
c.	pH Value	IS:3025 (Part - 11):1983(RA:2017)		7.15
d.	Total Suspended Solids,(mg/l)	IS:3025(Part 17)		128
e.	Total Dissolved Solids (mg/l)	IS:3025(Part 16):1984(RA.2006)	-	673
f.	Chemical Oxygen Demand(mg/l)	APHA-23rd Edition		141
g.	Bio-chemical Oxygen Demand, mg/l (3 days at 27°C)	IS:3025(P-44)		51
h.	Oil & Grease(mg/l)	IS:3025(P-39)		10.8
i.	Free Residual Chlorine (mg/l)	IS:3025(Part 26):1986(RA:2014)amd no 1		BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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


Saurabh Sharma
01-07-2021
Reviewer


01-07-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

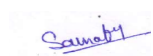
Document QF : 2501

Page 3 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2106220793 Sample Reg. Date :22-06-2021 Report Date :01-07-2021 Report No. :ICE-2107010001 NABL ULR No. :TC592621000006564F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

REMARKS :N/A

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



Saurabh Sharma
01-07-2021
Reviewer



01-07-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 1 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2106220794 Sample Reg. Date :22-06-2021 Report Date :06-07-2021 Report No. :ICE-2107060264 NABL ULR No. :TC592621000006868F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

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

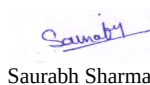
PART A : PARTICULARS OF SAMPLE SUBMITTED

a)	Nature of Sample #	STP Inlet Water (Plant).
b)	Grade / Variety / Type / Class / Size etc.	NA
c)	Brand Name	NA
d)	Declared Values,if any	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	22-06-2021
m)	Date of Start	22-06-2021
n)	Date of Completion	06-07-2021
o)	Seal (Intact/Not Intact/Unsealed)	NA
p)	IO'S Signature (Signed/Unsigned)	Unsigned
q)	Any Other Information	Sample collected by lab rep. on 18.06.2021
r)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
s)	Manufactured By #	NA
t)	Supplied By #	NA

PART B : SUPPLIMENTARY INFORMATIONS



06-07-2021
Gaurav Khandelwal
[Authorized Signatory]



Saurabh Sharma
06-07-2021
Reviewer



06-07-2021
PremKumar
[Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.

(ISO 9001:2015 & 14001:2015 OHSAS 18001:2007 Certified Laboratory)

(A Government Approved Test House)

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

Phone : (O) 0172-2561543, 2565825

Visit us : www.itclabs.com Email : customersupport@itclabs.com

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

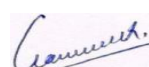
Page 2 of 3

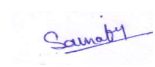
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2106220794 Sample Reg. Date :22-06-2021 Report Date :06-07-2021 Report No. :ICE-2107060264 NABL ULR No. :TC592621000006868F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

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

Description				
Description		STP Inlet Water (Plant).		
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Pollution & Environment				
1. General Parameters				
a.	Nitrate as NO ₃ (mg/l)	IS:3025(P-34)		BLQ(LOQ:1.0)
b.	Calcium(as Ca)(mg/l)	IS:3025(P-40)	-	79
c.	Magnesium as Mg(mg/l)	IS:3025(Part-46)	-	26.12
d.	Sodium(as Na)(mg/l)	IS:3025(P-45)	-	29.1
e.	Potassium as K,(mg/l)	IS:3025(P-45)		7.2
f.	Phosphate as PO ₄ (mg/l)	APHA-23rd Edition		1.2
Discipline : Biological				
Group : Pollution & Environment				
1. Microbiological Tests				
a.	Faecal Coliforms, (MPN/100ml)	APHA-23 rd Edn 17-9221 F		21
b.	E.coli, (MPN/100ml)	APHA-23 rd Edn 17-9221 F		11
c.	Total Coliform (MPN/100ml)	APHA-23 rd Edn 17-9221 F		33

'#' represents Customer Defined Fields


06-07-2021
Gaurav Khandelwal
[Authorized Signatory]


Saurabh Sharma
06-07-2021
Reviewer


06-07-2021
Prem Kumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

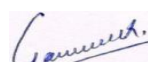
Page 3 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2106220794 Sample Reg. Date :22-06-2021 Report Date :06-07-2021 Report No. :ICE-2107060264 NABL ULR No. :TC592621000006868F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

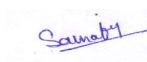
NOTE : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Sampling Procedure - SOP/ITC/EW/030, Purpose - For Self monitoring

REMARKS :N/A

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



06-07-2021
Gaurav Khandelwal
[Authorized Signatory]



Saurabh Sharma
06-07-2021
Reviewer



06-07-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 1 of 3

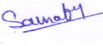
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2106220795 Sample Reg. Date :22-06-2021 Report Date :01-07-2021 Report No. :ICE-2107010002 NABL ULR No. :TC592621000006565F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

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)	Grade / Variety / Type / Class / Size etc.	NA
c)	Brand Name	NA
d)	Declared Values,if any	NA
e)	Code No.	
f)	Batch Number #	NA
g)	D.O.M #	NA
h)	Date of Expiry #	NA
i)	Sample Quantity #	2 Ltr
j)	Batch Size/Location #	NA
k)	Mode of Packing	Packed in bottles
l)	Date of Receipt	22-06-2021
m)	Date of Start	22-06-2021
n)	Date of Completion	01-07-2021
o)	Seal (Intact/Not Intact/Unsealed)	NA
p)	IO'S Signature (Signed/Unsigned)	Unsigned
q)	Any Other Information	Sample collected by lab rep. on 18.06.2021
r)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
s)	Manufactured By #	NA
t)	Supplied By #	NA

PART B : SUPPLIMENTARY INFORMATIONS


Saurabh Sharma
01-07-2021
Reviewer


01-07-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 2 of 3

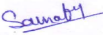
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2106220795 Sample Reg. Date :22-06-2021 Report Date :01-07-2021 Report No. :ICE-2107010002 NABL ULR No. :TC592621000006565F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

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

Description				
Description		STP Outlet Water (Plant)		
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Pollution & Environment				
1. General Parameters				
a.	Colour	IS:3025(Part4):1983(RA: 2017)amd. no1	Not Specified	Colourless
b.	Odour	IS:3025(Part 5):1983(RA:2017)	Not Specified	None
c.	pH Value	IS:3025 (Part - 11):1983(RA:2017)	6.5-9	7.17
d.	Total Suspended Solids,(mg/l)	IS:3025(Part 17)	Max. 100	18
e.	Total Dissolved Solids (mg/l)	IS:3025(Part 16):1984(RA.2006)	Not Specified	526
f.	Chemical Oxygen Demand(mg/l)	APHA-23rd Edition	Not Specified	48
g.	Bio-chemical Oxygen Demand, mg/l (3 days at 27°C)	IS:3025(P-44)	Max. 30	12
h.	Oil & Grease(mg/l)	IS:3025(P-39)	Max. 10	0.2
i.	Free Residual Chlorine (mg/l)	IS:3025(P-26)	Max. 1.0	BLQ(LOQ:1.0)

'#' 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
01-07-2021
Reviewer


01-07-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

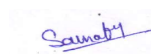
Document QF : 2501

Page 3 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2106220795 Sample Reg. Date :22-06-2021 Report Date :01-07-2021 Report No. :ICE-2107010002 NABL ULR No. :TC592621000006565F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

REMARKS :N/A

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



Saurabh Sharma
01-07-2021
Reviewer



01-07-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 1 of 3

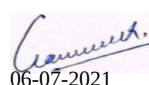
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2106220796 Sample Reg. Date :22-06-2021 Report Date :06-07-2021 Report No. :ICE-2107060265 NABL ULR No. :TC592621000006878F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

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

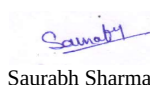
PART A : PARTICULARS OF SAMPLE SUBMITTED

a)	Nature of Sample #	STP Outlet Water (Plant).
b)	Grade / Variety / Type / Class / Size etc.	NA
c)	Brand Name	NA
d)	Declared Values,if any	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	22-06-2021
m)	Date of Start	22-06-2021
n)	Date of Completion	06-07-2021
o)	Seal (Intact/Not Intact/Unsealed)	NA
p)	IO'S Signature (Signed/Unsigned)	Unsigned
q)	Any Other Information	Sample collected by lab rep. on 18.06.2021
r)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
s)	Manufactured By #	NA
t)	Supplied By #	NA

PART B : SUPPLIMENTARY INFORMATIONS



06-07-2021
Gaurav Khandelwal
[Authorized Signatory]



Saurabh Sharma
06-07-2021
Reviewer



06-07-2021
PremKumar
[Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.

(ISO 9001:2015 & 14001:2015 OHSAS 18001:2007 Certified Laboratory)

(A Government Approved Test House)

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

Phone : (O) 0172-2561543, 2565825

Visit us : www.itclabs.com Email : customersupport@itclabs.com

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 2 of 3

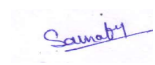
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2106220796 Sample Reg. Date :22-06-2021 Report Date :06-07-2021 Report No. :ICE-2107060265 NABL ULR No. :TC592621000006878F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

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

Description				
Description		STP Outlet Water (Plant).		
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Pollution & Environment				
1. General Parameters				
a.	Nitrate as NO ₃ (mg/l)	IS 3025 (Part 34)	Max. 10	BLQ(LOQ:1.0)
b.	Calcium(as Ca)(mg/l)	IS:3025(P-40)	Not Specified	132
c.	Magnesium as Mg(mg/l)	IS: 3025 (P-46)	Not Specified	19.92
d.	Sodium(as Na)(mg/l)	IS:3025(P-45)	Not Specified	50.4
e.	Potassium as K,(mg/l)	IS:3025(P-45)	Not Specified	10.6
f.	Phosphate(as PO ₄), mg/L	APHA-23rd Edition	Max. 5.0	0.8
Discipline : Biological				
Group : Pollution & Environment				
1. Microbiological Tests				
a.	Faecal Coliform, MPN/100ml	APHA-23 rd Edn 17-9221 F	Max. 1000	11
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	11

'#' represents Customer Defined Fields


06-07-2021
Gaurav Khandelwal
[Authorized Signatory]


Saurabh Sharma
06-07-2021
Reviewer


06-07-2021
Prem Kumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

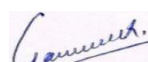
Page 3 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2106220796 Sample Reg. Date :22-06-2021 Report Date :06-07-2021 Report No. :ICE-2107060265 NABL ULR No. :TC592621000006878F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

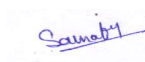
NOTE : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per EPA Act 1986/PCLS/2010, Sampling Procedure - SOP/ITC/EW/030, Purpose - For Self monitoring

REMARKS :N/A

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



06-07-2021
Gaurav Khandelwal
[Authorized Signatory]



Saurabh Sharma
06-07-2021
Reviewer



06-07-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 1 of 3

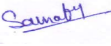
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2106220797 Sample Reg. Date :22-06-2021 Report Date :01-07-2021 Report No. :ICE-2107010003 NABL ULR No. :TC592621000006566F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

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)	Grade / Variety / Type / Class / Size etc.	NA
c)	Brand Name	NA
d)	Declared Values,if any	NA
e)	Code No.	
f)	Batch Number #	NA
g)	D.O.M #	NA
h)	Date of Expiry #	NA
i)	Sample Quantity #	2 Ltr
j)	Batch Size/Location #	NA
k)	Mode of Packing	Packed in bottles
l)	Date of Receipt	22-06-2021
m)	Date of Start	22-06-2021
n)	Date of Completion	01-07-2021
o)	Seal (Intact/Not Intact/Unsealed)	NA
p)	IO'S Signature (Signed/Unsigned)	Unsigned
q)	Any Other Information	Sample collected by lab rep. on 18.06.2021
r)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
s)	Manufactured By #	NA
t)	Supplied By #	NA

PART B : SUPPLIMENTARY INFORMATIONS


Saurabh Sharma
01-07-2021
Reviewer


01-07-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 2 of 3

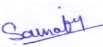
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. : E01-2106220797 Sample Reg. Date : 22-06-2021 Report Date : 01-07-2021 Report No. : ICE-2107010003 NABL ULR No. : TC592621000006566F Customer Ref. No. : Order No.5030010814 Letter Dated : 29.10.2020

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

Description				
Description		STP Inlet Water (Township)		
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Pollution & Environment				
1. General Parameters				
a.	Colour	IS:3025(Part4):1983(RA:2017)amd. no1		Greyish
b.	Odour	IS:3025(Part 5):1983(RA:2017)		Musty
c.	pH Value	IS:3025 (Part - 11):1983(RA:2017)		6.19
d.	Total Suspended Solids,(mg/l)	IS:3025(Part 17)		84
e.	Total Dissolved Solids (mg/l)	IS:3025(Part 16):1984(RA.2006)	-	487
f.	Chemical Oxygen Demand(mg/l)	APHA-23rd Edition		242
g.	Bio-chemical Oxygen Demand, mg/l (3 days at 27°C)	IS:3025(P-44)		96
h.	Oil & Grease(mg/l)	IS:3025(P-39)		4.8
i.	Free Residual Chlorine (mg/l)	IS:3025(Part 26):1986(RA:2014)amd no 1		BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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


Saurabh Sharma
01-07-2021
Reviewer


01-07-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

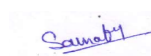
Document QF : 2501

Page 3 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2106220797 Sample Reg. Date :22-06-2021 Report Date :01-07-2021 Report No. :ICE-2107010003 NABL ULR No. :TC592621000006566F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

REMARKS :N/A

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



Saurabh Sharma
01-07-2021
Reviewer



01-07-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 1 of 3

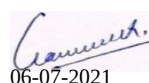
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2106220798 Sample Reg. Date :22-06-2021 Report Date :06-07-2021 Report No. :ICE-2107060266 NABL ULR No. :TC592621000006880F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

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

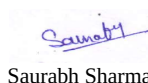
PART A : PARTICULARS OF SAMPLE SUBMITTED

a)	Nature of Sample#	STP Inlet Water (Township).
b)	Grade / Variety / Type / Class / Size etc.	NA
c)	Brand Name	NA
d)	Declared Values,if any	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	22-06-2021
m)	Date of Start	22-06-2021
n)	Date of Completion	06-07-2021
o)	Seal (Intact/Not Intact/Unsealed)	NA
p)	IO'S Signature (Signed/Unsigned)	Unsigned
q)	Any Other Information	Sample collected by lab rep. on 18.06.2021
r)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
s)	Manufactured By#	NA
t)	Supplied By#	NA

PART B : SUPPLIMENTARY INFORMATIONS



06-07-2021
Gaurav Khandelwal
[Authorized Signatory]



Saurabh Sharma
06-07-2021
Reviewer



06-07-2021
PremKumar
[Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.

(ISO 9001:2015 & 14001:2015 OHSAS 18001:2007 Certified Laboratory)

(A Government Approved Test House)

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

Phone : (O) 0172-2561543, 2565825

Visit us : www.itclabs.com Email : customersupport@itclabs.com

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 2 of 3

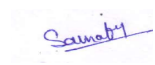
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2106220798 Sample Reg. Date :22-06-2021 Report Date :06-07-2021 Report No. :ICE-2107060266 NABL ULR No. :TC592621000006880F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

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

Description				
Description		STP Inlet Water (Township).		
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Pollution & Environment				
1. General Parameters				
a.	Nitrate as NO ₃ (mg/l)	IS:3025(P-34)		1.2
b.	Calcium(as Ca)(mg/l)	IS:3025(P-40)	-	54.4
c.	Magnesium as Mg(mg/l)	IS:3025(Part-46)	-	22.1
d.	Sodium(as Na)(mg/l)	IS:3025(P-45)	-	32.7
e.	Potassium as K,(mg/l)	IS:3025(P-45)		2.9
f.	Phosphate as PO ₄ (mg/l)	APHA-23rd Edition		1.3
Discipline : Biological				
Group : Pollution & Environment				
1. Microbiological Tests				
a.	Faecal Coliforms, (MPN/100ml)	APHA-23 rd Edn 17-9221 F		<1.8
b.	<i>E.coli</i> , (MPN/100ml)	APHA-23 rd Edn 17-9221 F		<1.8
c.	Total Coliform (MPN/100ml)	APHA-23 rd Edn 17-9221 F		21

'#' represents Customer Defined Fields


06-07-2021
Gaurav Khandelwal
[Authorized Signatory]


Saurabh Sharma
06-07-2021
Reviewer


06-07-2021
Prem Kumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 3 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2106220798 Sample Reg. Date :22-06-2021 Report Date :06-07-2021 Report No. :ICE-2107060266 NABL ULR No. :TC592621000006880F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

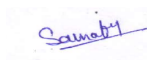
NOTE : NA- Not Applicable, Sampling Procedure - SOP/ITC/EW/030, Purpose - For Self monitoring

REMARKS :N/A

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



06-07-2021
Gaurav Khandelwal
[Authorized Signatory]



Saurabh Sharma
06-07-2021
Reviewer



06-07-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 1 of 3

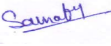
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2106220799 Sample Reg. Date :22-06-2021 Report Date :01-07-2021 Report No. :ICE-2107010004 NABL ULR No. :TC592621000006567F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

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)	Grade / Variety / Type / Class / Size etc.	NA
c)	Brand Name	NA
d)	Declared Values,if any	NA
e)	Code No.	
f)	Batch Number #	NA
g)	D.O.M #	NA
h)	Date of Expiry #	NA
i)	Sample Quantity #	2 Ltr
j)	Batch Size/Location #	NA
k)	Mode of Packing	Packed in bottles
l)	Date of Receipt	22-06-2021
m)	Date of Start	22-06-2021
n)	Date of Completion	01-07-2021
o)	Seal (Intact/Not Intact/Unsealed)	NA
p)	IO'S Signature (Signed/Unsigned)	Unsigned
q)	Any Other Information	Sample collected by lab rep. on 18.06.2021
r)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
s)	Manufactured By #	NA
t)	Supplied By #	NA

PART B : SUPPLIMENTARY INFORMATIONS


Saurabh Sharma
01-07-2021
Reviewer


01-07-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 2 of 3

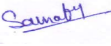
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2106220799 Sample Reg. Date :22-06-2021 Report Date :01-07-2021 Report No. :ICE-2107010004 NABL ULR No. :TC592621000006567F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

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

Description				
Description		STP Outlet Water (Township)		
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Pollution & Environment				
1. General Parameters				
a.	Colour	IS:3025(Part4):1983(RA:2017)amd. no1	Not Specified	Colourless
b.	Odour	IS:3025(Part 5):1983(RA:2017)	Not Specified	None
c.	pH Value	IS:3025 (Part - 11):1983(RA:2017)	6.5-9	7.40
d.	Total Suspended Solids,(mg/l)	IS:3025(Part 17)	Max. 100	5
e.	Total Dissolved Solids (mg/l)	IS:3025(Part 16):1984(RA.2006)	Not Specified	427
f.	Chemical Oxygen Demand(mg/l)	APHA-23rd Edition	Not Specified	16
g.	Bio-chemical Oxygen Demand, mg/l (3 days at 27°C)	IS:3025(P-44)	Max. 30	4
h.	Oil & Grease(mg/l)	IS:3025(P-39)	Max. 10	<0.1
i.	Free Residual Chlorine (mg/l)	IS:3025(P-26)	Max. 1.0	BLQ(LOQ:1.0)

'#' 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
01-07-2021
Reviewer


01-07-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

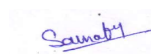
Document QF : 2501

Page 3 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2106220799 Sample Reg. Date :22-06-2021 Report Date :01-07-2021 Report No. :ICE-2107010004 NABL ULR No. :TC592621000006567F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

REMARKS :N/A

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



Saurabh Sharma
01-07-2021
Reviewer



01-07-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 1 of 3

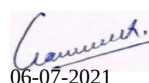
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2106220800 Sample Reg. Date :22-06-2021 Report Date :06-07-2021 Report No. :ICE-2107060267 NABL ULR No. :TC592621000006893F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

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

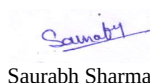
PART A : PARTICULARS OF SAMPLE SUBMITTED

a)	Nature of Sample #	STP Outlet Water (Township).
b)	Grade / Variety / Type / Class / Size etc.	NA
c)	Brand Name	NA
d)	Declared Values,if any	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	22-06-2021
m)	Date of Start	22-06-2021
n)	Date of Completion	06-07-2021
o)	Seal (Intact/Not Intact/Unsealed)	NA
p)	IO'S Signature (Signed/Unsigned)	Unsigned
q)	Any Other Information	Sample collected by lab rep. on 18.06.2021
r)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
s)	Manufactured By #	NA
t)	Supplied By #	NA

PART B : SUPPLIMENTARY INFORMATIONS



06-07-2021
Gaurav Khandelwal
[Authorized Signatory]



Saurabh Sharma
06-07-2021
Reviewer



06-07-2021
PremKumar
[Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.

(ISO 9001:2015 & 14001:2015 OHSAS 18001:2007 Certified Laboratory)

(A Government Approved Test House)

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

Phone : (O) 0172-2561543, 2565825

Visit us : www.itclabs.com Email : customersupport@itclabs.com

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

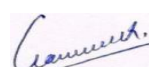
Page 2 of 3

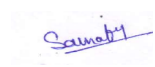
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2106220800 Sample Reg. Date :22-06-2021 Report Date :06-07-2021 Report No. :ICE-2107060267 NABL ULR No. :TC592621000006893F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

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

Description				
Description		STP Outlet Water (Township).		
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Pollution & Environment				
1. General Parameters				
a.	Nitrate as NO ₃ (mg/l)	IS 3025 (Part 34)	Max. 10	BLQ(LOQ:1.0)
b.	Calcium(as Ca)(mg/l)	IS:3025(P-40)	Not Specified	41
c.	Magnesium as Mg(mg/l)	IS: 3025 (P-46)	Not Specified	13.1
d.	Sodium(as Na)(mg/l)	IS:3025(P-45)	Not Specified	56.4
e.	Potassium as K,(mg/l)	IS:3025(P-45)	Not Specified	10.3
f.	Phosphate(as PO ₄), mg/L	APHA-23rd Edition	Max. 5.0	0.6
Discipline : Biological				
Group : Pollution & Environment				
1. Microbiological Tests				
a.	Faecal Coliform, MPN/100ml	APHA-23 rd Edn 17-9221 F	Max. 1000	11
b.	E.coli, (MPN/100ml)	APHA 23rd Edn 17-9221 E	Not Specified	11
c.	Total Coliform (MPN/100ml)	APHA-23 rd Edn 17-9221 F	Not Specified	17

'#' represents Customer Defined Fields


06-07-2021
Gaurav Khandelwal
[Authorized Signatory]


Saurabh Sharma
06-07-2021
Reviewer


06-07-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 3 of 3

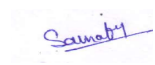
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2106220800 Sample Reg. Date :22-06-2021 Report Date :06-07-2021 Report No. :ICE-2107060267 NABL ULR No. :TC592621000006893F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

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*****


06-07-2021
Gaurav Khandelwal
[Authorized Signatory]


Saurabh Sharma
06-07-2021
Reviewer


06-07-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 1 of 5

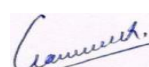
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2106220804 Sample Reg. Date :22-06-2021 Report Date :02-07-2021 Report No. :ICE-2107020071 NABL ULR No. :TC592621000006635F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

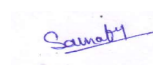
Test Report as per IS: BIS Specification IS:10500-2012	With Amendment No.(s): 02

PART A : PARTICULARS OF SAMPLE SUBMITTED

a)	Nature of Sample [#]	Ground Water (Ash Dyke/Lagoon)
b)	Grade / Variety / Type / Class / Size etc.	NA
c)	Brand Name	NA
d)	Declared Values,if any	NA
e)	Code No.	
f)	Batch Number [#]	NA
g)	D.O.M [#]	NA
h)	Date of Expiry [#]	NA
i)	Sample Quantity [#]	8 Ltr
j)	Batch Size/Location [#]	NA
k)	Mode of Packing	Packed in bottles & in cans
l)	Date of Receipt	22-06-2021
m)	Date of Start	22-06-2021
n)	Date of Completion	02-07-2021
o)	Seal (Intact/Not Intact/Unsealed)	NA
p)	IO'S Signature (Signed/Unsigned)	Unsigned
q)	Any Other Information	Sample collected by lab rep. Mr. Vedpal on 18.06.2021, Sample from Up Stream
r)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
s)	Manufactured By [#]	NA
t)	Supplied By [#]	NA

PART B : SUPPLIMENTARY INFORMATIONS


01-07-2021
Gaurav Khandelwal
[Authorized Signatory]


Saurabh Sharma
02-07-2021
Reviewer


02-07-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

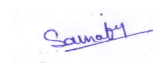
Page 2 of 5

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2106220804 Sample Reg. Date :22-06-2021 Report Date :02-07-2021 Report No. :ICE-2107020071 NABL ULR No. :TC592621000006635F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

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

Description					
Description	Coloured liquid				
S.No.	Parameters	Method	Acceptable Limit	Permissible Limit	Result
	Discipline : Chemical				
	Group : Water				
1.	Organoleptic & Physical Parameter				
a.	Colour (Hazen)	IS:3025(Part4):1983(RA:2017)amd. no1	5 Max.	15 Max.	5
b.	Taste	IS:3025(Part 8):1984(RA:2017)	Agreeable	-	*
c.	Odour	IS:3025(Part 5):1983(RA:2017)	Agreeable	-	Agreeable
d.	pH Value	IS:3025 (Part - 11):1983(RA:2017)	6.5-8.5	No relaxation	7.50
e.	Turbidity(NTU)	IS:3025(Part 10):1984(RA:2017)	1 Max.	5 Max.	5.6
f.	Total Dissolved Solids,(mg/l)	IS:3025(Part 16):1984(RA:2006)	500 Max.	2000 Max.	5722
2.	Parameters Concerning Undesirable Substances in excess amount				
a.	Aluminium as Al, (mg/l)	IS:3025(Part 55):RA2014	0.03 Max.	0.2 Max.	BLQ(LOQ:0.02)
b.	Ammonia (as total ammonia-N) (mg/l)	IS:3025(Part 34):1988(RA:2014)	0.5 Max.	No Relaxation	BLQ(LOQ:0.1)
c.	Anionic detergent(as MBAS),(mg/l)	IS:13428:2005(RA:2009)-Annex K	0.2 Max.	1.0 Max.	BLQ(LOQ:0.05)


 01-07-2021
 Gaurav Khandelwal
 [Authorized Signatory]


 Saurabh Sharma
 02-07-2021
 Reviewer


 02-07-2021
 Prem Kumar
 [Authorized Signatory]

Disclaimer :

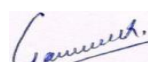
- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

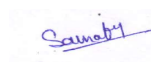
Document QF : 2501
Page 3 of 5

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2106220804 Sample Reg. Date :22-06-2021 Report Date :02-07-2021 Report No. :ICE-2107020071 NABL ULR No. :TC592621000006635F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

d.	Barium (as Ba) (mg/l)	IS:13428:2005(RA:2014)Annex. F/IS:3025(P-65)	0.7 Max.	No relaxation	BLQ(LOQ:0.3)
e.	Boron (as B) (mg/l)	Apha 23rd Edn.2017-3120 B/IS:3025(Part 57):2004(RA:2017)	0.5 Max.	2.4 Max.	1.1
f.	Calcium(as Ca), (mg/l)	IS:3025(Part 40):1991(RA:2014) amd no 1	75 Max.	200 Max.	197
g.	Chloramines (as Cl ₂), (mg/l)	IS:3025(Part 26):1986 amd no 1(RA 2014)	4.0 Max.	No relaxation	BLQ(LOQ:0.02)
h.	Chloride(as Cl) (mg/l)	IS:3025(Part 32):1988(RA:2014)	250 Max.	1000 Max.	2005
i.	Copper (as Cu) (mg/l)	IS:3025(P-65)	0.05 Max.	1.5 Max.	BLQ(LOQ:0.002)
j.	Fluoride as F (mg/l)	IS:3025(Part 60):2008 amd. no 1(RA:2013)	1.0 Max.	1.5 Max.	1.0
k.	Phenolic compounds (as C ₆ H ₅ OH), (mg/l)	IS:3025(P-43)	0.001 Max.	0.002 Max.	BLQ(LOQ:0.001)
l.	Free Residual Chlorine, (mg/l)	IS:3025(P-26)	0.2 Min.	1.0 Max.	Not Applicable
m.	Iron (as Fe) (mg/l)	IS:3025(Part 53):2003(RA:2014)	1.0 Max.	No relaxation	0.18
n.	Magnesium as Mg (mg/l)	IS:3025(Part 46):1994 amd. no. 2(RA:2014)	30 Max.	100 Max.	148
o.	Manganese as Mn, (mg/l)	Apha 23rd Edn.2017-3125 B/IS:3025(Part 59):2004(RA:2017)	0.1 Max.	0.3 Max.	BLQ(LOQ:0.1)
p.	Mineral Oil, (mg/l)	Clause 6 of IS:3025(Part39)	0.5 Max.	No Relaxation	BLQ(LOQ: 0.01)
q.	Nitrate as NO ₃ (mg/l)	IS:3025(Part 34):1988(RA:2014)	45 Max.	No Relaxation	46
r.	Selenium (as Se) (mg/l)	IS:3025(P-65)	0.01 Max.	No Relaxation	0.002
s.	Silver (as Ag) (mg/l)	IS:3025(P-65)	0.1 Max.	No Relaxation	BLQ(LOQ:0.002)
t.	Sulphate(as SO ₄) (mg/l)	IS:3025(Part 24):1986(RA:2014)	200 Max.	400 Max.	1588


01-07-2021

Gaurav Khandelwal
[Authorized Signatory]


02-07-2021

Saurabh Sharma
Reviewer


02-07-2021

Prem Kumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 4 of 5

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2106220804 Sample Reg. Date :22-06-2021 Report Date :02-07-2021 Report No. :ICE-2107020071 NABL ULR No. :TC592621000006635F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

u.	Sulphide as H ₂ S, (mg/l)	IS:3025(Part 29)	0.05 Max.	No Relaxation	BLQ(LOQ:0.05)
v.	Total Alkalinity(as CaCO ₃)(mg/l)	IS:3025(Part 23)	200 Max.	600 Max.	868
w.	Total Hardness(as CaCO ₃), (mg/l)	IS 3025 (Part 21)	200 Max.	600 Max.	1103
x.	Zinc(as Zn)(mg/l)	IS:3025(P-65)	5 Max.	15 Max.	BLQ(LOQ:0.002)

3. Parameters Concerning Toxic Substances

a.	Cadmium(as Cd)(mg/l)	IS:3025(P-65)	0.003 Max.	No Relaxation	BLQ(LOQ:0.002)
b.	Cyanide(as CN)(mg/l)	IS:3025(Part 27)	0.05 Max.	No Relaxation	BLQ(LOQ:0.01)
c.	Lead(as Pb)(mg/l)	IS:3025(P-65)	0.01 Max.	No Relaxation	BLQ(LOQ:0.002)
d.	Mercury(as Hg)(mg/l)	IS:3025(P-65)	0.001 Max.	No Relaxation	BLQ(LOQ:0.001)
e.	Molybdenum(as Mo)(mg/l)	IS:3025(P-65)	0.07 Max.	No Relaxation	0.021
f.	Nickel(as Ni) (mg/l)	IS:3025(P-65)	0.02 Max.	No Relaxation	BLQ(LOQ:0.002)
g.	Total Arsenic(as As)(mg/l)	IS:3025(P-65)	0.01 Max.	No relaxation	BLQ(LOQ:0.002)
h.	Total Chromium(as Cr)(mg/l)	IS:3025(P-65)	0.05 Max.	No Relaxation	0.002

Discipline : Biological

Group : Water

1. Microbiological Tests

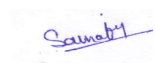
a.	E.Coli/100 ml	IS:15185(Membrane Filtration Method)	Shall not be detectable in any 100 ml sample	-	Absent
b.	Total Coliform Count/100 ml	IS:15185(Membrane Filtration Method)	Shall not be detectable in any 100 ml sample	-	Absent

'#' represents Customer Defined Fields

NOTE : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, *Test not performed because Sample is not safe for ingestion, Sampling Procedure - SOP/ITC/EW/030,

REMARKS :N/A


01-07-2021
Gaurav Khandelwal
[Authorized Signatory]


Saurabh Sharma
02-07-2021
Reviewer


02-07-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

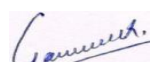
Test Report

Document QF : 2501

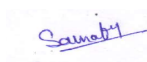
Page 5 of 5

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2106220804 Sample Reg. Date :22-06-2021 Report Date :02-07-2021 Report No. :ICE-2107020071 NABL ULR No. :TC592621000006635F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

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



01-07-2021
Gaurav Khandelwal
[Authorized Signatory]



Saurabh Sharma
02-07-2021
Reviewer



02-07-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 1 of 5

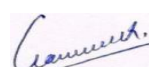
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2106220805 Sample Reg. Date :22-06-2021 Report Date :02-07-2021 Report No. :ICE-2107020070 NABL ULR No. :TC592621000006651F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

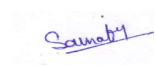
Test Report as per IS: BIS Specification IS:10500-2012	With Amendment No.(s): 02

PART A : PARTICULARS OF SAMPLE SUBMITTED

a)	Nature of Sample #	Ground Water (Ash Dyke/Lagoon)
b)	Grade / Variety / Type / Class / Size etc.	NA
c)	Brand Name	NA
d)	Declared Values,if any	NA
e)	Code No.	
f)	Batch Number #	NA
g)	D.O.M #	NA
h)	Date of Expiry #	NA
i)	Sample Quantity #	8 Ltr
j)	Batch Size/Location #	NA
k)	Mode of Packing	Packed in bottles & in cans
l)	Date of Receipt	22-06-2021
m)	Date of Start	22-06-2021
n)	Date of Completion	02-07-2021
o)	Seal (Intact/Not Intact/Unsealed)	NA
p)	IO'S Signature (Signed/Unsigned)	Unsigned
q)	Any Other Information	Sample collected by lab rep. Mr. Vedpal on 18.06.2021, Sample of Down Stream
r)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
s)	Manufactured By #	NA
t)	Supplied By #	NA

PART B : SUPPLIMENTARY INFORMATIONS


01-07-2021
Gaurav Khandelwal
[Authorized Signatory]


Saurabh Sharma
02-07-2021
Reviewer


02-07-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

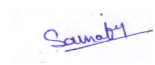
Page 2 of 5

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2106220805 Sample Reg. Date :22-06-2021 Report Date :02-07-2021 Report No. :ICE-2107020070 NABL ULR No. :TC592621000006651F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

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	Colour liquid				
S.No.	Parameters	Method	Acceptable Limit	Permissible Limit	Result
	Discipline : Chemical				
	Group : Water				
1.	Organoleptic & Physical Parameter				
a.	Colour (Hazen)	IS:3025(Part4):1983(RA:2017)amd. no1	5 Max.	15 Max.	5
b.	Taste	IS:3025(Part 8):1984(RA:2017)	Agreeable	-	*
c.	Odour	IS:3025(Part 5):1983(RA:2017)	Agreeable	-	Agreeable
d.	pH Value	IS:3025 (Part - 11):1983(RA:2017)	6.5-8.5	No relaxation	7.61
e.	Turbidity(NTU)	IS:3025(Part 10):1984(RA:2017)	1 Max.	5 Max.	2.4
f.	Total Dissolved Solids,(mg/l)	IS:3025(Part 16):1984(RA:2006)	500 Max.	2000 Max.	3885
2.	Parameters Concerning Undesirable Substances in excess amount				
a.	Aluminium as Al, (mg/l)	IS:3025(Part 55):RA2014	0.03 Max.	0.2 Max.	BLQ(LOQ:0.02)
b.	Ammonia (as total ammonia-N) (mg/l)	IS:3025(Part 34):1988(RA:2014)	0.5 Max.	No Relaxation	BLQ(LOQ:0.1)
c.	Anionic detergent(as MBAS),(mg/l)	IS:13428:2005(RA:2009)-Annex K	0.2 Max.	1.0 Max.	BLQ(LOQ:0.05)


 01-07-2021
 Gaurav Khandelwal
 [Authorized Signatory]


 Saurabh Sharma
 02-07-2021
 Reviewer


 02-07-2021
 Prem Kumar
 [Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

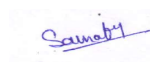
Page 3 of 5

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2106220805 Sample Reg. Date :22-06-2021 Report Date :02-07-2021 Report No. :ICE-2107020070 NABL ULR No. :TC592621000006651F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

d.	Barium (as Ba) (mg/l)	IS:13428:2005(RA:2014)Annex. F/IS:3025(P-65)	0.7 Max.	No relaxation	BLQ(LOQ:0.3)
e.	Boron (as B) (mg/l)	Apha 23rd Edn.2017-3120 B/IS:3025(Part 57):2004(RA:2017)	0.5 Max.	2.4 Max.	0.8
f.	Calcium(as Ca), (mg/l)	IS:3025(Part 40):1991(RA:2014) amd no 1	75 Max.	200 Max.	120
g.	Chloramines (as Cl ₂), (mg/l)	IS:3025(Part 26):1986 amd no 1(RA 2014)	4.0 Max.	No relaxation	BLQ(LOQ:0.02)
h.	Chloride(as Cl) (mg/l)	IS:3025(Part 32):1988(RA:2014)	250 Max.	1000 Max.	1191
i.	Copper (as Cu) (mg/l)	IS:3025(P-65)	0.05 Max.	1.5 Max.	BLQ(LOQ:0.002)
j.	Fluoride as F (mg/l)	IS:3025(Part 60):2008 amd. no 1(RA:2013)	1.0 Max.	1.5 Max.	0.8
k.	Phenolic compounds (as C ₆ H ₅ OH), (mg/l)	IS:3025(P-43)	0.001 Max.	0.002 Max.	BLQ(LOQ:0.001)
l.	Free Residual Chlorine, (mg/l)	IS:3025(P-26)	0.2 Min.	1.0 Max.	Not Applicable
m.	Iron (as Fe) (mg/l)	IS:3025(Part 53):2003(RA:2014)	1.0 Max.	No relaxation	0.14
n.	Magnesium as Mg (mg/l)	IS:3025(Part 46):1994 amd. no. 2(RA:2014)	30 Max.	100 Max.	79.2
o.	Manganese as Mn, (mg/l)	Apha 23rd Edn.2017-3125 B/IS:3025(Part 59):2004(RA:2017)	0.1 Max.	0.3 Max.	BLQ(LOQ:0.1)
p.	Mineral Oil, (mg/l)	Clause 6 of IS:3025(Part39)	0.5 Max.	No Relaxation	BLQ(LOQ: 0.01)
q.	Nitrate as NO ₃ (mg/l)	IS:3025(Part 34):1988(RA:2014)	45 Max.	No Relaxation	28
r.	Selenium (as Se) (mg/l)	IS:3025(P-65)	0.01 Max.	No Relaxation	BLQ(LOQ:0.002)
s.	Silver (as Ag) (mg/l)	IS:3025(P-65)	0.1 Max.	No Relaxation	BLQ(LOQ:0.002)
t.	Sulphate(as SO ₄) (mg/l)	IS:3025(Part 24):1986(RA:2014)	200 Max.	400 Max.	1388



01-07-2021
Gaurav Khandelwal
[Authorized Signatory]



Saurabh Sharma
02-07-2021
Reviewer



02-07-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 4 of 5

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2106220805 Sample Reg. Date :22-06-2021 Report Date :02-07-2021 Report No. :ICE-2107020070 NABL ULR No. :TC592621000006651F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

u.	Sulphide as H ₂ S, (mg/l)	IS:3025(Part 29)	0.05 Max.	No Relaxation	BLQ(LOQ:0.05)
v.	Total Alkalinity(as CaCO ₃)(mg/l)	IS:3025(Part 23)	200 Max.	600 Max.	471
w.	Total Hardness(as CaCO ₃), (mg/l)	IS 3025 (Part 21)	200 Max.	600 Max.	626
x.	Zinc(as Zn)(mg/l)	IS:3025(P-65)	5 Max.	15 Max.	0.117

3. Parameters Concerning Toxic Substances

a.	Cadmium(as Cd)(mg/l)	IS:3025(P-65)	0.003 Max.	No Relaxation	BLQ(LOQ:0.002)
b.	Cyanide(asCN)(mg/l)	IS:3025(Part 27)	0.05 Max.	No Relaxation	BLQ(LOQ:0.01)
c.	Lead(as Pb)(mg/l)	IS:3025(P-65)	0.01 Max.	No Relaxation	BLQ(LOQ:0.002)
d.	Mercury(as Hg)(mg/l)	IS:3025(P-65)	0.001 Max.	No Relaxation	BLQ(LOQ:0.001)
e.	Molybdenum(as Mo)(mg/l)	IS:3025(P-65)	0.07 Max.	No Relaxation	0.005
f.	Nickel(as Ni) (mg/l)	IS:3025(P-65)	0.02 Max.	No Relaxation	BLQ(LOQ:0.002)
g.	Total Arsenic(as As)(mg/l)	IS:3025(P-65)	0.01 Max.	No relaxation	BLQ(LOQ:0.002)
h.	Total Chromium(as Cr)(mg/l)	IS:3025(P-65)	0.05 Max.	No Relaxation	BLQ(LOQ:0.002)

Discipline : Biological

Group : Water

1. Microbiological Tests

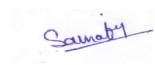
a.	E.Coli/100 ml	IS:15185(Membrane Filtration Method)	Shall not be detectable in any 100 ml sample	-	Absent
b.	Total Coliform Count/100 ml	IS:15185(Membrane Filtration Method)	Shall not be detectable in any 100 ml sample	-	Absent

'#' represents Customer Defined Fields

NOTE : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, *Test not performed because Sample is not safe for ingestion, Sampling Procedure - SOP/ITC/EW/030,

REMARKS :N/A


 01-07-2021
 Gaurav Khandelwal
 [Authorized Signatory]


 Saurabh Sharma
 02-07-2021
 Reviewer


 02-07-2021
 PremKumar
 [Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

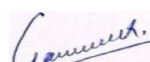
Test Report

Document QF : 2501

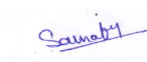
Page 5 of 5

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2106220805 Sample Reg. Date :22-06-2021 Report Date :02-07-2021 Report No. :ICE-2107020070 NABL ULR No. :TC592621000006651F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

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



01-07-2021
Gaurav Khandelwal
[Authorized Signatory]



Saurabh Sharma
02-07-2021
Reviewer



02-07-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

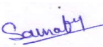
Document QF : 2501

Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2107010017 Sample Reg. Date :01-07-2021 Report Date :03-07-2021 Report No. :ICE-2107030115 NABL ULR No. :TC592621000006703F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2021

Test Report as per :	: EPA Act 1986/PCLS/2010
General Information : Name of Sample Date of Monitoring Time of Monitoring Nature of Industry Purpose of Monitoring	: Ambient Noise : 26-06-2021 : Day & Night : Thermal Power Plant : 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 (Reaffirmed 2014)	Max. 75.0	69.0
b.	Near Gate No.1 (Night Time), Leq dB (A)	IS: 9989 (Reaffirmed 2014)	Max. 70.0	61.8
c.	Near Gate No.2 (Day Time), Leq dB (A)	IS: 9989 (Reaffirmed 2014)	Max. 75.0	68.3
d.	Near Gate No.2 (Night Time), Leq dB (A)	IS: 9989 (Reaffirmed 2014)	Max. 70.0	63.0
e.	Near Gate No.3 (Day Time), Leq dB (A)	IS: 9989 (Reaffirmed 2014)	Max. 75.0	65.6
f.	Near Gate No.3 (Night Time), Leq dB (A)	IS: 9989 (Reaffirmed 2014)	Max. 70.0	55.9
g.	Near Guest House (Day Time), Leq dB (A)	IS: 9989 (Reaffirmed 2014)	Max. 75.0	58.2
h.	Near Guest House (Night Time), Leq dB (A)	IS: 9989 (Reaffirmed 2014)	Max. 70.0	53.9


Saurabh Sharma
03-07-2021
Reviewer


03-07-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2107010017 Sample Reg. Date :01-07-2021 Report Date :03-07-2021 Report No. :ICE-2107030115 NABL ULR No. :TC592621000006703F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2021

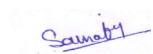
i.	Near D Block (Day Time), Leq dB (A)	IS: 9989 (Reaffirmed 2014)	Max. 75.0	56.3
j.	Near D Block (Night Time), Leq dB (A)	IS: 9989 (Reaffirmed 2014)	Max. 70.0	53.3

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
03-07-2021
Reviewer


03-07-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.



Annexure-IV

Quarterly Average Ash Content Report

Name of power plant	Capacity	Type of coal	Period	Average Ash Content (%)	Remarks
Mahatma Gandhi Thermal Power Plant, Jhajjar	1,320 MW (2x 660MW)	Linkage Domestic	Apr '21 to Jun '21	36.11%	Almost 100% of the generated ash has been utilized

Note: MGTPP's operates based on the domestic supplied under linkage provided by GOI/CIL subsidies. The entire coal burnt during the last quarter came through domestic coal supplied as per Fuel Supply Agreements (FSA) with 04 subsidiaries of Coal India Limited (CIL) viz. CCL, NCL, BCCL & ECL.

AF08
pej

Our Ref : JPL/HSPCB/ENV/011617
Date : October 12, 2021

The Regional Officer

Haryana State Pollution Control Board

Regional Office, SCF No. 42 & 43, Shopping Centre,
Sector-6, Huda, Bahadurgarh
Tele Fax: 01276-267077
E-mail: hspcbrobdh@gmail.com

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

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

Dear Sir,

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

Monitoring Reports of Air, Water& Noise of July 2021- **Annexure I**
Monitoring Reports of Air, Water& Noise of Aug 2021 - **Annexure II**
Monitoring Reports of Air, Water& Noise of Sept 2021 - **Annexure III**

Quarterly Average Ash content in coal is provided in **Annexure IV**

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

Thanking you.

Yours faithfully,
For **Jhajjar Power Limited**


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


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

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

Jhajjar Power Limited (An Aprava Energy Company)

Corporate Office:

7th Floor, Fulcrum, Sahar Road,
Andheri (East), Mumbai 400 099
T: +91 22 6758 8888
F: +91 22 6758 8811/8833
W: www.clpgroup.com, www.clpindia.in

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
CIN No.: U40104DL2008SGC374107

Plant:

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

Test Report

Document QF : 2501
Page 1 of 2

Issued To	Sample Reg. No. :E01-2107060206
Jhajjar Power Limited	Sample Reg. Date :06-07-2021
Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar	Report Date :13-07-2021
Jhajjar	Report No. :ICE-2107130557
	NABL ULR No. :TC592621000007162F
	Customer Ref. No. :Order No.5030010814
	Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Guest House
Date of Monitoring	: 01-07-2021
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	: 1820.24
Avg. Ambient Temperature, °C	: 30

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	10.46
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	15.11
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	84.56
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	40.82
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ(LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	BLQ (LOQ:1.0)
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ(LOQ:5.0)
i.	Benzene (C ₆ H ₆), µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)

Saurabh Sharma
13-07-2021
Reviewer

13-07-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2107060206 Sample Reg. Date :06-07-2021 Report Date :13-07-2021 Report No. :ICE-2107130557 NABL ULR No. :TC592621000007162F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

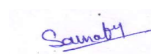
j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
13-07-2021
Reviewer


13-07-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

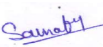
Test Report

Document QF : 2501
Page 1 of 2

Issued To	Sample Reg. No. :E01-2107060207
Jhajjar Power Limited	Sample Reg. Date :06-07-2021
Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar	Report Date :13-07-2021
Jhajjar	Report No. :ICE-2107130558
	NABL ULR No. :TC592621000007160F
	Customer Ref. No. :Order No.5030010814
	Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Gate No. 3
Date of Monitoring	: 01-07-2021
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	: 1840.10
Avg. Ambient Temperature, °C	: 29

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	21.62
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	29.37
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	110.21
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	55.98
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ(LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	1.2
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ(LOQ:5.0)
i.	Benzene (C ₆ H ₆), µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)


Saurabh Sharma
13-07-2021
Reviewer


13-07-2021
Prem Kumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2107060207 Sample Reg. Date :06-07-2021 Report Date :13-07-2021 Report No. :ICE-2107130558 NABL ULR No. :TC592621000007160F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
13-07-2021
Reviewer


13-07-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

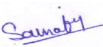
Test Report

Document QF : 2501
Page 1 of 2

Issued To	Sample Reg. No. :E01-2107060208
Jhajjar Power Limited	Sample Reg. Date :06-07-2021
Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar	Report Date :13-07-2021
Jhajjar	Report No. :ICE-2107130559
	NABL ULR No. :TC592621000007167F
	Customer Ref. No. :Order No.5030010814
	Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Village-Khanpur
Date of Monitoring	: 01-07-2021
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	: 1827.99
Avg. Ambient Temperature, °C	: 31

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	15.16
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	21.10
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	103.45
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	58.50
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ(LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	1.1
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ(LOQ:5.0)
i.	Benzene (C ₆ H ₆), µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)


Saurabh Sharma
13-07-2021
Reviewer


13-07-2021
Prem Kumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2107060208 Sample Reg. Date :06-07-2021 Report Date :13-07-2021 Report No. :ICE-2107130559 NABL ULR No. :TC592621000007167F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

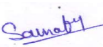
j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
13-07-2021
Reviewer


13-07-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

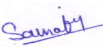
Test Report

Document QF : 2501
Page 1 of 2

Issued To	Sample Reg. No. :E01-2107060209
Jhajjar Power Limited	Sample Reg. Date :06-07-2021
Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar	Report Date :13-07-2021
Jhajjar	Report No. :ICE-2107130560
	NABL ULR No. :TC592621000007157F
	Customer Ref. No. :Order No.5030010814
	Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Shakti Vihar
Date of Monitoring	: 01-07-2021
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	: 1834.03
Avg. Ambient Temperature, °C	: 30

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	8.14
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	12.36
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	87.24
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	40.40
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ(LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	BLQ (LOQ:1.0)
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ(LOQ:5.0)
i.	Benzene (C ₆ H ₆), µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)


Saurabh Sharma
13-07-2021
Reviewer


13-07-2021
Prem Kumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2107060209 Sample Reg. Date :06-07-2021 Report Date :13-07-2021 Report No. :ICE-2107130560 NABL ULR No. :TC592621000007157F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

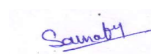
j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
13-07-2021
Reviewer


13-07-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 1 of 2

Issued To	Sample Reg. No. :E01-2107150568
Jhajjar Power Limited	Sample Reg. Date :15-07-2021
Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar	Report Date :22-07-2021
Jhajjar	Report No. :ICE-2107220846
	NABL ULR No. :TC592621000007576F
	Customer Ref. No. :Order No.5030010814
	Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Guest House
Date of Monitoring	: 05-07-2021
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.33
Volume of air sampled, m ³	: 1775.43
Avg. Ambient Temperature, °C	: 40

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	8.81
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	14.53
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	83.75
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	40.82
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ (LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	BLQ (LOQ:1.0)
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)
i.	Benzene (C ₆ H ₆), µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)

Saurabh Sharma
22-07-2021
Reviewer

22-07-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2107150568 Sample Reg. Date :15-07-2021 Report Date :22-07-2021 Report No. :ICE-2107220846 NABL ULR No. :TC592621000007576F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

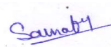
j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
22-07-2021
Reviewer


22-07-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 1 of 2

Issued To	Sample Reg. No. :E01-2107150569
Jhajjar Power Limited	Sample Reg. Date :15-07-2021
Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar	Report Date :22-07-2021
Jhajjar	Report No. :ICE-2107220847
	NABL ULR No. :TC592621000007580F
	Customer Ref. No. :Order No.5030010814
	Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Gate No.3
Date of Monitoring	: 05-07-2021
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.33
Volume of air sampled, m ³	: 1775.43
Avg. Ambient Temperature, °C	: 40

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	16.42
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	28.83
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	98.12
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	51.77
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ (LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	1.2
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)
i.	Benzene (C ₆ H ₆), µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)

Saurabh Sharma
22-07-2021
Reviewer

22-07-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2107150569 Sample Reg. Date :15-07-2021 Report Date :22-07-2021 Report No. :ICE-2107220847 NABL ULR No. :TC592621000007580F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

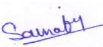
j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
22-07-2021
Reviewer


22-07-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 1 of 2

Issued To	Sample Reg. No. :E01-2107150570
Jhajjar Power Limited	Sample Reg. Date :15-07-2021
Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar	Report Date :22-07-2021
Jhajjar	Report No. :ICE-2107220848
	NABL ULR No. :TC592621000007579F
	Customer Ref. No. :Order No.5030010814
	Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Village-Khanpur
Date of Monitoring	: 05-07-2021
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.33
Volume of air sampled, m ³	: 1781.12
Avg. Ambient Temperature, °C	: 39

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	18.76
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	24.93
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	95.45
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	50.08
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ (LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	1.1
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)
i.	Benzene (C ₆ H ₆), µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)

Saurabh Sharma
22-07-2021
Reviewer

22-07-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2107150570 Sample Reg. Date :15-07-2021 Report Date :22-07-2021 Report No. :ICE-2107220848 NABL ULR No. :TC592621000007579F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

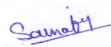
j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
22-07-2021
Reviewer


22-07-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

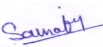
Test Report

Document QF : 2501
Page 1 of 2

Issued To	Sample Reg. No. :E01-2107150571
Jhajjar Power Limited	Sample Reg. Date :15-07-2021
Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar	Report Date :22-07-2021
Jhajjar	Report No. :ICE-2107220849
	NABL ULR No. :TC592621000007581F
	Customer Ref. No. :Order No.5030010814
	Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Shakti Vihar
Date of Monitoring	: 05-07-2021
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.33
Volume of air sampled, m ³	: 1775.43
Avg. Ambient Temperature, °C	: 40

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	12.41
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	16.82
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	89.56
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	45.88
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ (LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	BLQ (LOQ:1.0)
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)
i.	Benzene (C ₆ H ₆), µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)


Saurabh Sharma
22-07-2021
Reviewer


22-07-2021
Prem Kumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2107150571 Sample Reg. Date :15-07-2021 Report Date :22-07-2021 Report No. :ICE-2107220849 NABL ULR No. :TC592621000007581F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
22-07-2021
Reviewer


22-07-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

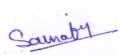
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2107150572 Sample Reg. Date :15-07-2021 Report Date :22-07-2021 Report No. :ICE-2107220850 NABL ULR No. :TC592621000007582F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information : Location of Sampling Point Date of Monitoring Purpose of Monitoring Duration of Monitoring, minutes Avg. Flow Rate of Sampling, m ³ /min Volume of air sampled, m ³ Avg. Ambient Temperature, °C	: Near Guest House : 08-07-2021 : For Self Monitoring : 1440 : 1.32 : 1790.69 : 35

Description				
Description	Ambient Air Quality Monitoring			
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Pollution & Environment				
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	11.43
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	17.84
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	87.12
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	42.93
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ (LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	BLQ (LOQ:1.0)
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)
i.	Benzene (C ₆ H ₆), µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)


Saurabh Sharma
22-07-2021
Reviewer


22-07-2021
Prem Kumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2107150572 Sample Reg. Date :15-07-2021 Report Date :22-07-2021 Report No. :ICE-2107220850 NABL ULR No. :TC592621000007582F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

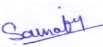
j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
22-07-2021
Reviewer


22-07-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2107150573 Sample Reg. Date :15-07-2021 Report Date :22-07-2021 Report No. :ICE-2107220851 NABL ULR No. :TC592621000007578F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Gate No.3
Date of Monitoring	: 08-07-2021
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.32
Volume of air sampled,m3	: 1779.14
Avg. Ambient Temperature,°C	: 37

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂),µg/m ³	IS:5182(P-2)	80 Max	13.88
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS:5182(P-6)	80 Max	25.10
c.	Particulate Matter (PM ₁₀),µg/m ³	IS:5182(P-23)	100 Max	94.77
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW-01	60 Max	48.40
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	BLQ (LOQ:14)
f.	Lead(As Pb),µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	1.3
h.	Ammonia(NH ₃),µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)

Saurabh Sharma
22-07-2021
Reviewer

22-07-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2107150573 Sample Reg. Date :15-07-2021 Report Date :22-07-2021 Report No. :ICE-2107220851 NABL ULR No. :TC592621000007578F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
22-07-2021
Reviewer


22-07-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 1 of 2

Issued To	Sample Reg. No. :E01-2107150574
Jhajjar Power Limited	Sample Reg. Date :15-07-2021
Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar	Report Date :22-07-2021
Jhajjar	Report No. :ICE-2107220852
	NABL ULR No. :TC592621000007577F
	Customer Ref. No. :Order No.5030010814
	Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Village-Khanpur
Date of Monitoring	: 08-07-2021
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.33
Volume of air sampled, m ³	: 1798.42
Avg. Ambient Temperature, °C	: 36

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	18.58
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	27.28
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	98.59
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	53.45
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ (LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	1.2
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)
i.	Benzene (C ₆ H ₆), µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)

Saurabh Sharma
22-07-2021
Reviewer

22-07-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2107150574 Sample Reg. Date :15-07-2021 Report Date :22-07-2021 Report No. :ICE-2107220852 NABL ULR No. :TC592621000007577F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

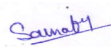
j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
22-07-2021
Reviewer


22-07-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 1 of 2

Issued To	Sample Reg. No. :E01-2107150575
Jhajjar Power Limited	Sample Reg. Date :15-07-2021
Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar	Report Date :22-07-2021
Jhajjar	Report No. :ICE-2107220853
	NABL ULR No. :TC592621000007583F
	Customer Ref. No. :Order No.5030010814
	Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Shakti Vihar
Date of Monitoring	: 08-07-2021
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.34
Volume of air sampled, m ³	: 1811.94
Avg. Ambient Temperature, °C	: 36

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	14.63
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	23.07
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	84.22
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	40.40
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ (LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	BLQ (LOQ:1.0)
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)
i.	Benzene (C ₆ H ₆), µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)

Saurabh Sharma
22-07-2021
Reviewer

22-07-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2107150575 Sample Reg. Date :15-07-2021 Report Date :22-07-2021 Report No. :ICE-2107220853 NABL ULR No. :TC592621000007583F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

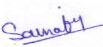
j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
22-07-2021
Reviewer


22-07-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

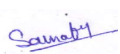
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2107210797 Sample Reg. Date :21-07-2021 Report Date :29-07-2021 Report No. :ICE-2107291281 NABL ULR No. :TC592621000007890F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information : Location of Sampling Point Date of Monitoring Purpose of Monitoring Duration of Monitoring, minutes Avg. Flow Rate of Sampling, m ³ /min Volume of air sampled, m ³ Avg. Ambient Temperature, °C	: Near Guest House : 12-07-2021 : For Self Monitoring : 1440 : 1.33 : 1781.12 : 39

Description				
Description	Ambient Air Quality Monitoring			
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Atmospheric Pollution				
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	8.38
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	11.65
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	87.19
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	42.51
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ (LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	BLQ (LOQ:1.0)
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)
i.	Benzene (C ₆ H ₆), µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)


Saurabh Sharma
29-07-2021
Reviewer


29-07-2021
Prem Kumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2107210797 Sample Reg. Date :21-07-2021 Report Date :29-07-2021 Report No. :ICE-2107291281 NABL ULR No. :TC592621000007890F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

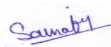
j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
29-07-2021
Reviewer


29-07-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2107210798 Sample Reg. Date :21-07-2021 Report Date :29-07-2021 Report No. :ICE-2107291282 NABL ULR No. :TC592621000007891F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Gate No.3
Date of Monitoring	: 12-07-2021
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	: 1767.73
Avg. Ambient Temperature,°C	: 39

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂),µg/m ³	IS:5182(P-2)	80 Max	17.96
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS:5182(P-6)	80 Max	27.43
c.	Particulate Matter (PM ₁₀),µg/m ³	IS:5182(P-23)	100 Max	96.68
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW-01	60 Max	41.67
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	BLQ (LOQ:14)
f.	Lead(As Pb),µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	1.3
h.	Ammonia(NH ₃),µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)

Saurabh Sharma
29-07-2021
Reviewer

29-07-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2107210798 Sample Reg. Date :21-07-2021 Report Date :29-07-2021 Report No. :ICE-2107291282 NABL ULR No. :TC592621000007891F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

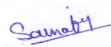
j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
29-07-2021
Reviewer


29-07-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 1 of 2

Issued To	Sample Reg. No. :E01-2107210799
Jhajjar Power Limited	Sample Reg. Date :21-07-2021
Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar	Report Date :29-07-2021
Jhajjar	Report No. :ICE-2107291283
	NABL ULR No. :TC592621000007892F
	Customer Ref. No. :Order No.5030010814
	Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Village-Khanpur
Date of Monitoring	: 12-07-2021
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.33
Volume of air sampled, m ³	: 1786.85
Avg. Ambient Temperature, °C	: 38

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	14.72
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	22.46
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	95.64
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	48.40
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ (LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	1.2
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)
i.	Benzene (C ₆ H ₆), µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)

Saurabh Sharma
29-07-2021
Reviewer

29-07-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2107210799 Sample Reg. Date :21-07-2021 Report Date :29-07-2021 Report No. :ICE-2107291283 NABL ULR No. :TC592621000007892F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

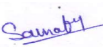
j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
29-07-2021
Reviewer


29-07-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

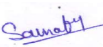
Test Report

Document QF : 2501
Page 1 of 2

Issued To	Sample Reg. No. :E01-2107210800
Jhajjar Power Limited	Sample Reg. Date :21-07-2021
Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar	Report Date :29-07-2021
Jhajjar	Report No. :ICE-2107291284
	NABL ULR No. :TC592621000007893F
	Customer Ref. No. :Order No.5030010814
	Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Shakti Vihar
Date of Monitoring	: 12-07-2021
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	: 1767.73
Avg. Ambient Temperature, °C	: 39

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	9.18
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	12.52
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	84.80
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	39.98
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ (LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	BLQ (LOQ:1.0)
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)
i.	Benzene (C ₆ H ₆), µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)


Saurabh Sharma
29-07-2021
Reviewer


29-07-2021
Prem Kumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2107210800 Sample Reg. Date :21-07-2021 Report Date :29-07-2021 Report No. :ICE-2107291284 NABL ULR No. :TC592621000007893F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

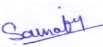
j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
29-07-2021
Reviewer


29-07-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 1 of 2

Issued To	Sample Reg. No. :E01-2107210801
Jhajjar Power Limited	Sample Reg. Date :21-07-2021
Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar	Report Date :29-07-2021
Jhajjar	Report No. :ICE-2107291291
	NABL ULR No. :TC592621000007894F
	Customer Ref. No. :Order No.5030010814
	Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Guest House
Date of Monitoring	: 15-07-2021
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.34
Volume of air sampled, m ³	: 1811.94
Avg. Ambient Temperature, °C	: 36

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	5.54
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	10.89
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	78.04
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	35.35
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ (LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	BLQ (LOQ:1.0)
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)
i.	Benzene (C ₆ H ₆), µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)

Saurabh Sharma
29-07-2021
Reviewer

29-07-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2107210801 Sample Reg. Date :21-07-2021 Report Date :29-07-2021 Report No. :ICE-2107291291 NABL ULR No. :TC592621000007894F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
29-07-2021
Reviewer


29-07-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 1 of 2

Issued To	Sample Reg. No. :E01-2107210802
Jhajjar Power Limited	Sample Reg. Date :21-07-2021
Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar	Report Date :29-07-2021
Jhajjar	Report No. :ICE-2107291292
	NABL ULR No. :TC592621000007895F
	Customer Ref. No. :Order No.5030010814
	Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Gate No.3
Date of Monitoring	: 15-07-2021
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.33
Volume of air sampled,m3	: 1804.25
Avg. Ambient Temperature,°C	: 35

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂),µg/m ³	IS:5182(P-2)	80 Max	14.97
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS:5182(P-6)	80 Max	19.24
c.	Particulate Matter (PM ₁₀),µg/m ³	IS:5182(P-23)	100 Max	98.43
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW-01	60 Max	52.61
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	BLQ (LOQ:14)
f.	Lead(As Pb),µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	1.2
h.	Ammonia(NH ₃),µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)

Saurabh Sharma
29-07-2021
Reviewer

29-07-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2107210802 Sample Reg. Date :21-07-2021 Report Date :29-07-2021 Report No. :ICE-2107291292 NABL ULR No. :TC592621000007895F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

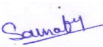
j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
29-07-2021
Reviewer


29-07-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

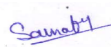
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2107210803 Sample Reg. Date :21-07-2021 Report Date :29-07-2021 Report No. :ICE-2107291293 NABL ULR No. :TC592621000007896F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information : Location of Sampling Point Date of Monitoring Purpose of Monitoring Duration of Monitoring, minutes Avg. Flow Rate of Sampling, m ³ /min Volume of air sampled, m ³ Avg. Ambient Temperature, °C	: Village- Khanpur : 15-07-2021 : For Self Monitoring : 1440 : 1.34 : 1806.09 : 37

Description				
Description	Ambient Air Quality Monitoring			
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Atmospheric Pollution				
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	15.87
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	20.34
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	90.31
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	48.82
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ (LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	1.1
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)
i.	Benzene (C ₆ H ₆), µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)


Saurabh Sharma
29-07-2021
Reviewer


29-07-2021
Prem Kumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2107210803 Sample Reg. Date :21-07-2021 Report Date :29-07-2021 Report No. :ICE-2107291293 NABL ULR No. :TC592621000007896F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

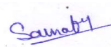
j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
29-07-2021
Reviewer


29-07-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

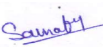
Test Report

Document QF : 2501
Page 1 of 2

Issued To	Sample Reg. No. :E01-2107210804
Jhajjar Power Limited	Sample Reg. Date :21-07-2021
Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar	Report Date :29-07-2021
Jhajjar	Report No. :ICE-2107291285
	NABL ULR No. :TC592621000007897F
	Customer Ref. No. :Order No.5030010814
	Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Shakti Vihar
Date of Monitoring	: 15-07-2021
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.34
Volume of air sampled, m ³	: 1817.82
Avg. Ambient Temperature, °C	: 35

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	8.67
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	13.22
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	83.56
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	39.14
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ (LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	BLQ (LOQ:1.0)
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)
i.	Benzene (C ₆ H ₆), µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)


Saurabh Sharma
29-07-2021
Reviewer


29-07-2021
Prem Kumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2107210804 Sample Reg. Date :21-07-2021 Report Date :29-07-2021 Report No. :ICE-2107291285 NABL ULR No. :TC592621000007897F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

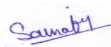
j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
29-07-2021
Reviewer


29-07-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 1 of 2

Issued To	Sample Reg. No. :E01-2107260923
Jhajjar Power Limited	Sample Reg. Date :26-07-2021
Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar	Report Date :30-07-2021
Jhajjar	Report No. :ICE-2107301318
	NABL ULR No. :TC592621000007946F
	Customer Ref. No. :Order No.5030010814
	Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Guest House
Date of Monitoring	: 19-07-2021
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	: 1840.10
Avg. Ambient Temperature, °C	: 29

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	7.34
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	11.70
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	82.88
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	37.46
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ (LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	BLQ (LOQ:1.0)
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)
i.	Benzene (C ₆ H ₆), µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)

Saurabh Sharma
30-07-2021
Reviewer

30-07-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2107260923 Sample Reg. Date :26-07-2021 Report Date :30-07-2021 Report No. :ICE-2107301318 NABL ULR No. :TC592621000007946F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

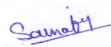
j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
30-07-2021
Reviewer


30-07-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 1 of 2

Issued To	Sample Reg. No. :E01-2107260924
Jhajjar Power Limited	Sample Reg. Date :26-07-2021
Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar	Report Date :30-07-2021
Jhajjar	Report No. :ICE-2107301319
	NABL ULR No. :TC592621000007947F
	Customer Ref. No. :Order No.5030010814
	Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Gate No.3
Date of Monitoring	: 19-07-2021
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
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂),µg/m ³	IS:5182(P-2)	80 Max	18.75
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS:5182(P-6)	80 Max	30.57
c.	Particulate Matter (PM ₁₀),µg/m ³	IS:5182(P-23)	100 Max	99.16
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW-01	60 Max	55.13
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	BLQ (LOQ:14)
f.	Lead(As Pb),µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	1.2
h.	Ammonia(NH ₃),µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)

Saurabh Sharma
30-07-2021
Reviewer

30-07-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2107260924 Sample Reg. Date :26-07-2021 Report Date :30-07-2021 Report No. :ICE-2107301319 NABL ULR No. :TC592621000007947F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
30-07-2021
Reviewer


30-07-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 1 of 2

Issued To	Sample Reg. No. :E01-2107260925
Jhajjar Power Limited	Sample Reg. Date :26-07-2021
Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar	Report Date :30-07-2021
Jhajjar	Report No. :ICE-2107301320
	NABL ULR No. :TC592621000007944F
	Customer Ref. No. :Order No.5030010814
	Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Village- Khanpur
Date of Monitoring	: 19-07-2021
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	: 1847.82
Avg. Ambient Temperature, °C	: 30

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	15.12
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	26.96
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	97.74
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	53.03
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ (LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	1.3
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)
i.	Benzene (C ₆ H ₆), µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)

Saurabh Sharma
30-07-2021
Reviewer

30-07-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2107260925 Sample Reg. Date :26-07-2021 Report Date :30-07-2021 Report No. :ICE-2107301320 NABL ULR No. :TC592621000007944F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

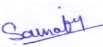
j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
30-07-2021
Reviewer


30-07-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 1 of 2

Issued To	Sample Reg. No. :E01-2107260926
Jhajjar Power Limited	Sample Reg. Date :26-07-2021
Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar	Report Date :30-07-2021
Jhajjar	Report No. :ICE-2107301321
	NABL ULR No. :TC592621000007948F
	Customer Ref. No. :Order No.5030010814
	Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Shakti Vihar
Date of Monitoring	: 19-07-2021
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	: 1832.33
Avg. Ambient Temperature, °C	: 28

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	10.78
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	16.17
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	85.25
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	39.98
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ (LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	BLQ (LOQ:1.0)
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)
i.	Benzene (C ₆ H ₆), µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)

Saurabh Sharma
30-07-2021
Reviewer

30-07-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2107260926 Sample Reg. Date :26-07-2021 Report Date :30-07-2021 Report No. :ICE-2107301321 NABL ULR No. :TC592621000007948F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
30-07-2021
Reviewer


30-07-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

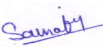
Test Report

Document QF : 2501
Page 1 of 2

Issued To	Sample Reg. No. :E01-2107311182
Jhajjar Power Limited	Sample Reg. Date :31-07-2021
Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar	Report Date :12-08-2021
Jhajjar	Report No. :ICE-2108120263
	NABL ULR No. :TC592621000008508F
	Customer Ref. No. :Order No.5030010814
	Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Guest House
Date of Monitoring	: 22-07-2021
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	: 1734.03
Avg. Ambient Temperature, °C	: 30

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	10.35
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	14.76
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	80.53
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	34.09
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ (LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	BLQ (LOQ:1.0)
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)
i.	Benzene (C ₆ H ₆), µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)


Saurabh Sharma
12-08-2021
Reviewer


12-08-2021
Prem Kumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2107311182 Sample Reg. Date :31-07-2021 Report Date :12-08-2021 Report No. :ICE-2108120263 NABL ULR No. :TC592621000008508F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

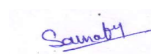
j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
12-08-2021
Reviewer


12-08-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

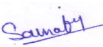
Test Report

Document QF : 2501
Page 1 of 2

Issued To	Sample Reg. No. :E01-2107311183
Jhajjar Power Limited	Sample Reg. Date :31-07-2021
Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar	Report Date :12-08-2021
Jhajjar	Report No. :ICE-2108120264
	NABL ULR No. :TC592621000008509F
	Customer Ref. No. :Order No.5030010814
	Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Gate No.3
Date of Monitoring	: 22-07-2021
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.33
Volume of air sampled,m3	: 1834.03
Avg. Ambient Temperature,°C	: 30

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂),µg/m ³	IS:5182(P-2)	80 Max	17.25
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS:5182(P-6)	80 Max	19.93
c.	Particulate Matter (PM ₁₀),µg/m ³	IS:5182(P-23)	100 Max	93.56
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW-01	60 Max	53.45
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	BLQ (LOQ:14)
f.	Lead(As Pb),µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	1.2
h.	Ammonia(NH ₃),µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)


Saurabh Sharma
12-08-2021
Reviewer


12-08-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2107311183 Sample Reg. Date :31-07-2021 Report Date :12-08-2021 Report No. :ICE-2108120264 NABL ULR No. :TC592621000008509F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

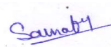
j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
12-08-2021
Reviewer


12-08-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

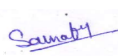
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2107311184 Sample Reg. Date :31-07-2021 Report Date :12-08-2021 Report No. :ICE-2108120265 NABL ULR No. :TC592621000008510F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information : Location of Sampling Point Date of Monitoring Purpose of Monitoring Duration of Monitoring, minutes Avg. Flow Rate of Sampling, m ³ /min Volume of air sampled, m ³ Avg. Ambient Temperature, °C	: Villgae- Khanpur : 22-07-2021 : For Self Monitoring : 1440 : 1.33 : 1840.10 : 29

Description				
Description	Ambient Air Quality Monitoring			
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Atmospheric Pollution				
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	11.79
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	19.36
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	94.94
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	40.40
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ (LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	1.1
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)
i.	Benzene (C ₆ H ₆), µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)


Saurabh Sharma
12-08-2021
Reviewer


12-08-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2107311184 Sample Reg. Date :31-07-2021 Report Date :12-08-2021 Report No. :ICE-2108120265 NABL ULR No. :TC592621000008510F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

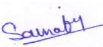
j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
12-08-2021
Reviewer


12-08-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

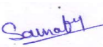
Test Report

Document QF : 2501
Page 1 of 2

Issued To	Sample Reg. No. :E01-2107311185
Jhajjar Power Limited	Sample Reg. Date :31-07-2021
Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar	Report Date :12-08-2021
Jhajjar	Report No. :ICE-2108120266
	NABL ULR No. :TC592621000008511F
	Customer Ref. No. :Order No.5030010814
	Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Shakti Vihar
Date of Monitoring	: 22-07-2021
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	: 1820.24
Avg. Ambient Temperature, °C	: 30

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	8.38
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	13.88
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	84.71
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	37.46
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ (LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	BLQ (LOQ:1.0)
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)
i.	Benzene (C ₆ H ₆), µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)


Saurabh Sharma
12-08-2021
Reviewer


12-08-2021
Prem Kumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2107311185 Sample Reg. Date :31-07-2021 Report Date :12-08-2021 Report No. :ICE-2108120266 NABL ULR No. :TC592621000008511F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

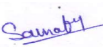
j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
12-08-2021
Reviewer


12-08-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

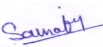
Test Report

Document QF : 2501
Page 1 of 2

Issued To	Sample Reg. No. :E01-2107311186
Jhajjar Power Limited	Sample Reg. Date :31-07-2021
Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar	Report Date :12-08-2021
Jhajjar	Report No. :ICE-2108120267
	NABL ULR No. :TC592621000008512F
	Customer Ref. No. :Order No.5030010814
	Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Guest House
Date of Monitoring	: 26-07-2021
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	: 1814.25
Avg. Ambient Temperature, °C	: 31

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	8.41
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	13.80
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	83.23
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	38.30
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ (LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	BLQ (LOQ:1.0)
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)
i.	Benzene (C ₆ H ₆), µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)


Saurabh Sharma
12-08-2021
Reviewer


12-08-2021
Prem Kumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2107311186 Sample Reg. Date :31-07-2021 Report Date :12-08-2021 Report No. :ICE-2108120267 NABL ULR No. :TC592621000008512F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

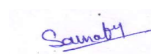
j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
12-08-2021
Reviewer


12-08-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

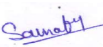
Test Report

Document QF : 2501
Page 1 of 2

Issued To	Sample Reg. No. :E01-2107311187
Jhajjar Power Limited	Sample Reg. Date :31-07-2021
Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar	Report Date :12-08-2021
Jhajjar	Report No. :ICE-2108120269
	NABL ULR No. :TC592621000008513F
	Customer Ref. No. :Order No.5030010814
	Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Gate No.3
Date of Monitoring	: 26-07-2021
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring,minutes	: 1440
Avg. Flow Rate of Sampling,m3/min	: 1.33
Volume of air sampled,m3	: 1822.00
Avg. Ambient Temperature,°C	: 32

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂),µg/m ³	IS:5182(P-2)	80 Max	21.34
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS:5182(P-6)	80 Max	29.08
c.	Particulate Matter (PM ₁₀),µg/m ³	IS:5182(P-23)	100 Max	97.26
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW-01	60 Max	55.98
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	BLQ (LOQ:14)
f.	Lead(As Pb),µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	1.3
h.	Ammonia(NH ₃),µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)


Saurabh Sharma
12-08-2021
Reviewer


12-08-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2107311187 Sample Reg. Date :31-07-2021 Report Date :12-08-2021 Report No. :ICE-2108120269 NABL ULR No. :TC592621000008513F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
12-08-2021
Reviewer


12-08-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 1 of 2

Issued To	Sample Reg. No. :E01-2107311188
Jhajjar Power Limited	Sample Reg. Date :31-07-2021
Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar	Report Date :12-08-2021
Jhajjar	Report No. :ICE-2108120268
	NABL ULR No. :TC592621000008514F
	Customer Ref. No. :Order No.5030010814
	Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Village-Khanpur
Date of Monitoring	: 26-07-2021
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	: 1822.00
Avg. Ambient Temperature, °C	: 32

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	12.90
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	20.44
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	98.30
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	46.30
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ (LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	1.2
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)
i.	Benzene (C ₆ H ₆), µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)

Saurabh Sharma
12-08-2021
Reviewer

12-08-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2107311188 Sample Reg. Date :31-07-2021 Report Date :12-08-2021 Report No. :ICE-2108120268 NABL ULR No. :TC592621000008514F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
12-08-2021
Reviewer


12-08-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

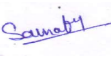
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2107311189 Sample Reg. Date :31-07-2021 Report Date :12-08-2021 Report No. :ICE-2108120270 NABL ULR No. :TC592621000008515F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Shakti Vihar
Date of Monitoring	: 26-07-2021
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	: 1820.24
Avg. Ambient Temperature, °C	: 30

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	9.86
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	14.13
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	78.34
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	32.41
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ (LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	BLQ (LOQ:1.0)
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)
i.	Benzene (C ₆ H ₆), µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)


Saurabh Sharma
12-08-2021
Reviewer


12-08-2021
Prem Kumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2107311189 Sample Reg. Date :31-07-2021 Report Date :12-08-2021 Report No. :ICE-2108120270 NABL ULR No. :TC592621000008515F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

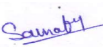
j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
12-08-2021
Reviewer


12-08-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 1 of 2

Issued To	Sample Reg. No. :E01-2107311190
Jhajjar Power Limited	Sample Reg. Date :31-07-2021
Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar	Report Date :12-08-2021
Jhajjar	Report No. :ICE-2108120271
	NABL ULR No. :TC592621000008516F
	Customer Ref. No. :Order No.5030010814
	Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Guest House
Date of Monitoring	: 29-07-2021
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	: 1834.03
Avg. Ambient Temperature, °C	: 30

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	12.82
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	17.41
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	85.55
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	39.56
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ (LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	BLQ (LOQ:1.0)
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)
i.	Benzene (C ₆ H ₆), µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)

Saurabh Sharma
12-08-2021
Reviewer

12-08-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2107311190 Sample Reg. Date :31-07-2021 Report Date :12-08-2021 Report No. :ICE-2108120271 NABL ULR No. :TC592621000008516F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

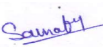
j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
12-08-2021
Reviewer


12-08-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 1 of 2

Issued To	Sample Reg. No. :E01-2107311191
Jhajjar Power Limited	Sample Reg. Date :31-07-2021
Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar	Report Date :12-08-2021
Jhajjar	Report No. :ICE-2108120272
	NABL ULR No. :TC592621000008517F
	Customer Ref. No. :Order No.5030010814
	Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Gate No.3
Date of Monitoring	: 29-07-2021
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	: 1814.25
Avg. Ambient Temperature,°C	: 31

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂),µg/m ³	IS:5182(P-2)	80 Max	15.33
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS:5182(P-6)	80 Max	23.16
c.	Particulate Matter (PM ₁₀),µg/m ³	IS:5182(P-23)	100 Max	91.77
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW-01	60 Max	49.66
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	BLQ (LOQ:14)
f.	Lead(As Pb),µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	1.1
h.	Ammonia(NH ₃),µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)

Saurabh Sharma
12-08-2021
Reviewer

12-08-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2107311191 Sample Reg. Date :31-07-2021 Report Date :12-08-2021 Report No. :ICE-2108120272 NABL ULR No. :TC592621000008517F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

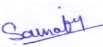
j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
12-08-2021
Reviewer


12-08-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

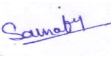
Test Report

Document QF : 2501
Page 1 of 2

Issued To	Sample Reg. No. :E01-2107311192
Jhajjar Power Limited	Sample Reg. Date :31-07-2021
Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar	Report Date :12-08-2021
Jhajjar	Report No. :ICE-2108120273
	NABL ULR No. :TC592621000008518F
	Customer Ref. No. :Order No.5030010814
	Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Village-Khanpur
Date of Monitoring	: 29-07-2021
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	: 1834.03
Avg. Ambient Temperature, °C	: 30

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	16.27
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	27.50
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	89.15
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	45.88
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ (LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	1.4
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)
i.	Benzene (C ₆ H ₆), µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)


Saurabh Sharma
12-08-2021
Reviewer


12-08-2021
Prem Kumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2107311192 Sample Reg. Date :31-07-2021 Report Date :12-08-2021 Report No. :ICE-2108120273 NABL ULR No. :TC592621000008518F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

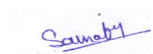
j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
12-08-2021
Reviewer


12-08-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 1 of 2

Issued To	Sample Reg. No. :E01-2107311193
Jhajjar Power Limited	Sample Reg. Date :31-07-2021
Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar	Report Date :12-08-2021
Jhajjar	Report No. :ICE-2108120274
	NABL ULR No. :TC592621000008519F
	Customer Ref. No. :Order No.5030010814
	Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Shakti Vihar
Date of Monitoring	: 29-07-2021
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	: 1834.03
Avg. Ambient Temperature, °C	: 30

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	6.41
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	11.23
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	88.60
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	31.14
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ (LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	BLQ (LOQ:1.0)
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)
i.	Benzene (C ₆ H ₆), µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)

Saurabh Sharma
12-08-2021
Reviewer

12-08-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2107311193 Sample Reg. Date :31-07-2021 Report Date :12-08-2021 Report No. :ICE-2108120274 NABL ULR No. :TC592621000008519F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

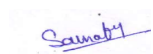
j.	Benzo (a) Pyrene Particulate Phase only,ng/m3	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m3	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m3	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
12-08-2021
Reviewer


12-08-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

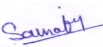
Test Report

Document QF : 2501
Page 1 of 2

Issued To	Sample Reg. No. :E01-2107030106 Sample Reg. Date :03-07-2021 Report Date :07-07-2021 Report No. :ICE-2107070324 NABL ULR No. :TC592621000006930F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020
Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	

Test Report as per :	: EPA Act 1986/PCLS/2010
General Information :	
Date of Monitoring	: 02-07-2021
Time of Monitoring	: 16:30 hrs to 18:10 hrs
Name of the emission source monitored	: Stack Emission of Boiler
(a) Rated Capacity	: 660 MW
(b) Capacity on sampling day	: 550 MW
(c) Type of fuel used & its consumption	: Coal & 390 Ton/hr
(d) Normal operating schedule	: 24 hrs
2. Stack Identification	: Stack attached to Boiler, Unit-I (at 65 meter's height)
3.Type of Stack/Duct	: Metal
4.Stack Height from Ground Level(m)	: 275
Diameter of the Stack(cm)	: 700
(6) Sampling Duration(minutes)	: 100
Purpose of Monitoring	: For Self Monitoring
(8) Air Pollution control measure	: ESP + FF + FGD + Low NOx Burner
(a) Status	: Working
(b) Recovery of Material	: -
(9) Fugitive Emission,if any	: Nil
Observations :	
Flue Gas Temperature, °C,Avg.	: 66
Flue Gas Velocity(m/s),Avg.	: 24.51
Volumetric Flow Rate(Nm ³ /hr.)	: 2889298.00
Ambient Air Temperature, °C	: 36

S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	General Parameters			


Saurabh Sharma
07-07-2021
Reviewer


07-07-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2107030106 Sample Reg. Date :03-07-2021 Report Date :07-07-2021 Report No. :ICE-2107070324 NABL ULR No. :TC592621000006930F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

a.	Particulate Matter, mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-1)	Max. 50	36.85
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-2)	Max. 200	175.89
c.	Oxides of Nitrogen (NO _x), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-7)	Max. 450	348.19
d.	Mercury(As Hg),mg/Nm ³	USEPA Method	Max. 0.03	BLQ(LOQ:0.01)
e.	Carbon Monoxide(CO),% v/v	IS:13270	Max. 1.0	0.2
f.	Moisture, % by mass	IS: 11255 (P-3)	Not Specified	7.0

'#' represents Customer Defined Fields

NOTE : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per EPA Act 1986/PCLS/2010, Sample collected by lab rep. on dated 02.07.2021, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A

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


Saurabh Sharma
07-07-2021
Reviewer


07-07-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

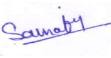
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2107030107 Sample Reg. Date :03-07-2021 Report Date :07-07-2021 Report No. :ICE-2107070325 NABL ULR No. :TC592621000006933F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: EPA Act 1986/PCLS/2010
General Information :	
Date of Monitoring	: 02-07-2021
Time of Monitoring	: 14:30 hrs to 16:01 hrs
Name of the emission source monitored	: Stack Emission of Boiler
(a) Rated Capacity	: 660 MW
(b) Capacity on sampling day	: 540 MW
(c) Type of fuel used & its consumption	: Coal & 337 Ton/hr
(d) Normal operating schedule	: 24 hrs
2. Stack Identification	: Stack attached to Boiler, Unit-II (at 65 meter's height)
3.Type of Stack/Duct	: Metal
4.Stack Height from Ground Level(m)	: 275
Diameter of the Stack(cm)	: 700
(6) Sampling Duration(minutes)	: 91
Purpose of Monitoring	: For Self Monitoring
(8) Air Pollution control measure	: ESP + FF + FGD + Low NOx Burner
(a) Status	: Working
(b) Recovery of Material	: -
(9) Fugitive Emission,if any	: Nil
Observations :	
Flue Gas Temperature, °C,Avg.	: 64
Flue Gas Velocity(m/s),Avg.	: 24.93
Volumetric Flow Rate(Nm ³ /hr.)	: 2956249.61
Ambient Air Temperature, °C	: 34

S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	General Parameters			


Saurabh Sharma
07-07-2021
Reviewer


07-07-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2107030107 Sample Reg. Date :03-07-2021 Report Date :07-07-2021 Report No. :ICE-2107070325 NABL ULR No. :TC592621000006933F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

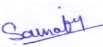
a.	Particulate Matter, mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-1)	Max. 50	40.28
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-2)	Max. 200	187.09
c.	Oxides of Nitrogen (NO _x), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-7)	Max. 450	370.93
d.	Mercury(As Hg),mg/Nm ³	USEPA Method	Max. 0.03	BLQ(LOQ:0.01)
e.	Carbon Monoxide(CO),% v/v	IS:13270	Max. 1.0	0.2
f.	Moisture, % by mass	IS: 11255 (P-3)	Not Specified	7.8

'#' 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 02.07.2021, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A

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


Saurabh Sharma
07-07-2021
Reviewer


07-07-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

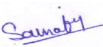
Test Report

Document QF : 2501
Page 1 of 2

Issued To	Sample Reg. No. :E01-2107100379 Sample Reg. Date :10-07-2021 Report Date :13-07-2021 Report No. :ICE-2107130521 NABL ULR No. :TC592621000007180F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020
Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	

Test Report as per :	: EPA Act 1986/PCLS/2010
General Information :	
Date of Monitoring	: 09-07-2021
Time of Monitoring	: 10:30 hrs to 12:01 hrs
Name of the emission source monitored	: Stack Emission of Boiler
(a) Rated Capacity	: 660 MW
(b) Capacity on sampling day	: 630 MW
(c) Type of fuel used & its consumption	: Coal & 388 Ton/hr
(d) Normal operating schedule	: 24 hrs
2. Stack Identification	: Stack attached to Boiler, Unit-I (at 65 meter's height)
3.Type of Stack/Duct	: Metal
4.Stack Height from Ground Level(m)	: 275
Diameter of the Stack(cm)	: 700
(6) Sampling Duration(minutes)	: 91
Purpose of Monitoring	: For Self Monitoring
(8) Air Pollution control measure	: ESP + FF + FGD + Low NOx Burner
(a) Status	: Working
(b) Recovery of Material	: -
(9) Fugitive Emission,if any	: Nil
Observations :	
Flue Gas Temperature, °C,Avg.	: 63
Flue Gas Velocity(m/s),Avg.	: 25.64
Volumetric Flow Rate(Nm ³ /hr.)	: 3045348.45
Ambient Air Temperature, °C	: 34

S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	General Parameters			


Saurabh Sharma
13-07-2021
Reviewer


13-07-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2107100379 Sample Reg. Date :10-07-2021 Report Date :13-07-2021 Report No. :ICE-2107130521 NABL ULR No. :TC592621000007180F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

a.	Particulate Matter, mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-1)	Max. 50	35.17
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-2)	Max. 200	146.17
c.	Oxides of Nitrogen (NO _x), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-7)	Max. 450	310.83
d.	Mercury(As Hg),mg/Nm ³	USEPA Method	Max. 0.03	BLQ(LOQ:0.01)
e.	Carbon Monoxide(CO),% v/v	IS:13270	Max. 1.0	0.2
f.	Moisture, % by mass	IS: 11255 (P-3)	Not Specified	6.8

'#' 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 09.07.2021, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A

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


Saurabh Sharma
13-07-2021
Reviewer


13-07-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

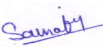
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2107100380 Sample Reg. Date :10-07-2021 Report Date :13-07-2021 Report No. :ICE-2107130522 NABL ULR No. :TC592621000007179F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: EPA Act 1986/PCLS/2010
General Information :	
Date of Monitoring	: 09-07-2021
Time of Monitoring	: 12:10 hrs to 13:50 hrs
Name of the emission source monitored	: Stack Emission of Boiler
(a) Rated Capacity	: 660 MW
(b) Capacity on sampling day	: 610 MW
(c) Type of fuel used & its consumption	: Coal & 357 Ton/hr
(d) Normal operating schedule	: 24 hrs
2. Stack Identification	: Stack attached to Boiler, Unit-II (at 65 meter's height)
3.Type of Stack/Duct	: Metal
4.Stack Height from Ground Level(m)	: 275
Diameter of the Stack(cm)	: 700
(6) Sampling Duration(minutes)	: 100
Purpose of Monitoring	: For Self Monitoring
(8) Air Pollution control measure	: ESP + FF + FGD + Low NOx Burner
(a) Status	: Working
(b) Recovery of Material	: -
(9) Fugitive Emission,if any	: Nil
Observations :	
Flue Gas Temperature, °C,Avg.	: 62
Flue Gas Velocity(m/s),Avg.	: 24.61
Volumetric Flow Rate(Nm ³ /hr.)	: 2949345.35
Ambient Air Temperature, °C	: 35

S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	General Parameters			


Saurabh Sharma
13-07-2021
Reviewer


13-07-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2107100380 Sample Reg. Date :10-07-2021 Report Date :13-07-2021 Report No. :ICE-2107130522 NABL ULR No. :TC592621000007179F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

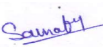
a.	Particulate Matter, mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-1)	Max. 50	32.41
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-2)	Max. 200	180.16
c.	Oxides of Nitrogen (NO _x), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-7)	Max. 450	184.62
d.	Mercury(As Hg),mg/Nm ³	USEPA Method	Max. 0.03	BLQ(LOQ:0.01)
e.	Carbon Monoxide(CO),% v/v	IS:13270	Max. 1.0	0.2
f.	Moisture, % by mass	IS: 11255 (P-3)	Not Specified	7.6

'#' 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 09.07.2021, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A

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


Saurabh Sharma
13-07-2021
Reviewer


13-07-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

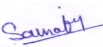
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2107170648 Sample Reg. Date :17-07-2021 Report Date :21-07-2021 Report No. :ICE-2107210831 NABL ULR No. :TC592621000007519F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: EPA Act 1986/PCLS/2010
General Information : Date of Monitoring Time of Monitoring Name of the emission source monitored (a) Rated Capacity (b) Capacity on sampling day (c) Type of fuel used & its consumption (d) Normal operating schedule 2. Stack Identification 3.Type of Stack/Duct 4.Stack Height from Ground Level(m) Diameter of the Stack(cm) (6) Sampling Duration(minutes) Purpose of Monitoring (8) Air Pollution control measure (a) Status (b) Recovery of Material (9) Fugitive Emission,if any Observations : Flue Gas Temperature, °C,Avg. Flue Gas Velocity(m/s),Avg. Volumetric Flow Rate(Nm ³ /hr.) Ambient Air Temperature, °C	: 16-07-2021 : 15:20 hrs TO 17:00 hrs : Stack Emission of Boiler : 660 MW : 660 MW : Coal & 425 Ton/hr : 24 hrs : Stack attached to Boiler, Unit-I (at 65 meter's height) : Metal : 275 : 700 : 100 : For Self Monitoring : ESP + FF + FGD + Low NOx Burner : Working : - : Nil : 57 : 24.17 : 2895109.53 : 34

S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	General Parameters			


Saurabh Sharma
21-07-2021
Reviewer


21-07-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2107170648 Sample Reg. Date :17-07-2021 Report Date :21-07-2021 Report No. :ICE-2107210831 NABL ULR No. :TC592621000007519F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

a.	Particulate Matter, mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-1)	Max. 50	35.46
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-2)	Max. 200	188.30
c.	Oxides of Nitrogen (NO _x), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-7)	Max. 450	249.98
d.	Mercury(As Hg),mg/Nm ³	USEPA Method	Max. 0.03	BLQLOQ:0.01)
e.	Carbon Monoxide(CO),% v/v	IS:13270	Max. 1.0	0.2
f.	Moisture, % by mass	IS: 11255 (P-3)	Not Specified	6.4

'#' represents Customer Defined Fields

NOTE : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per EPA Act 1986/PCLS/2010, Sample collected by lab rep. on dated 16.07.2021, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A

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


Saurabh Sharma
21-07-2021
Reviewer


21-07-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 1 of 2

Issued To	Sample Reg. No. :E01-2107170649 Sample Reg. Date :17-07-2021 Report Date :21-07-2021 Report No. :ICE-2107210832 NABL ULR No. :TC592621000007520F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020
Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	

Test Report as per :	: EPA Act 1986/PCLS/2010
General Information :	
Date of Monitoring	: 16-07-2021
Time of Monitoring	: 13:30 hrs to 15:01 hrs
Name of the emission source monitored	: Stack Emission of Boiler
(a) Rated Capacity	: 660 MW
(b) Capacity on sampling day	: 635 MW
(c) Type of fuel used & its consumption	: Coal & 390 Ton/hr
(d) Normal operating schedule	: 24 hrs
2. Stack Identification	: Stack attached to Boiler, Unit-II (at 65 meter's height)
3.Type of Stack/Duct	: Metal
4.Stack Height from Ground Level(m)	: 275
Diameter of the Stack(cm)	: 700
(6) Sampling Duration(minutes)	: 91
Purpose of Monitoring	: For Self Monitoring
(8) Air Pollution control measure	: ESP + FF + FGD + Low NOx Burner
(a) Status	: Working
(b) Recovery of Material	: -
(9) Fugitive Emission,if any	: Nil
Observations :	
Flue Gas Temperature, °C,Avg.	: 65
Flue Gas Velocity(m/s),Avg.	: 25.04
Volumetric Flow Rate(Nm ³ /hr.)	: 2924306.87
Ambient Air Temperature, °C	: 35

S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	General Parameters			

Saurabh Sharma
21-07-2021
Reviewer

21-07-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2107170649 Sample Reg. Date :17-07-2021 Report Date :21-07-2021 Report No. :ICE-2107210832 NABL ULR No. :TC592621000007520F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

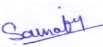
a.	Particulate Matter, mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-1)	Max. 50	25.18
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-2)	Max. 200	182.49
c.	Oxides of Nitrogen (NO _x), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-7)	Max. 450	187.96
d.	Mercury(As Hg),mg/Nm ³	USEPA Method	Max. 0.03	BLQ(LOQ:0.01)
e.	Carbon Monoxide(CO),% v/v	IS:13270	Max. 1.0	0.2
f.	Moisture, % by mass	IS: 11255 (P-3)	Not Specified	9.8

'#' represents Customer Defined Fields

NOTE : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per EPA Act 1986/PCLS/2010, Sample collected by lab rep. on dated 16.07.2021, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A

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


Saurabh Sharma
21-07-2021
Reviewer


21-07-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

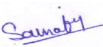
Test Report

Document QF : 2501
Page 1 of 2

Issued To	Sample Reg. No. :E01-2107240912 Sample Reg. Date :24-07-2021 Report Date :29-07-2021 Report No. :ICE-2107291295 NABL ULR No. :TC592621000007920F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020
Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	

Test Report as per :	: EPA Act 1986/PCLS/2010
General Information :	
Date of Monitoring	: 23-07-2021
Time of Monitoring	: 13:00 hrs to 14:31 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 & 222 Ton/hr
(d) Normal operating schedule	: 24 hrs
2. Stack Identification	: Stack attached to Boiler, Unit-I (at 65 meter's height)
3.Type of Stack/Duct	: Metal
4.Stack Height from Ground Level(m)	: 275
Diameter of the Stack(cm)	: 700
(6) Sampling Duration(minutes)	: 91
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 :	
Flue Gas Temperature, °C,Avg.	: 68
Flue Gas Velocity(m/s),Avg.	: 25.35
Volumetric Flow Rate(Nm ³ /hr.)	: 2938501.21
Ambient Air Temperature, °C	: 32

S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	General Parameters			


Saurabh Sharma
29-07-2021
Reviewer


29-07-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2107240912 Sample Reg. Date :24-07-2021 Report Date :29-07-2021 Report No. :ICE-2107291295 NABL ULR No. :TC592621000007920F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

a.	Particulate Matter, mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-1)	Max. 50	37.38
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-2)	Max. 200	168.24
c.	Oxides of Nitrogen (NO _x), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-7)	Max. 450	231.77
d.	Mercury(As Hg),mg/Nm ³	USEPA Method	Max. 0.03	BLQ(LOQ:0.01)
e.	Carbon Monoxide(CO),% v/v	IS:13270	Max. 1.0	0.2
f.	Moisture, % by mass	IS: 11255 (P-3)	Not Specified	5.2

'#' represents Customer Defined Fields

NOTE : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per EPA Act 1986/PCLS/2010 , Sample collected by lab rep. on dated 23.07.2021, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A

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


Saurabh Sharma
29-07-2021
Reviewer


29-07-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 1 of 2

Issued To	Sample Reg. No. :E01-2107240913 Sample Reg. Date :24-07-2021 Report Date :29-07-2021 Report No. :ICE-2107291296 NABL ULR No. :TC592621000007951F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020
Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	

Test Report as per :	: EPA Act 1986/PCLS/2010
General Information :	
Date of Monitoring	: 23-07-2021
Time of Monitoring	: 10:20 hrs to 12:00 hrs
Name of the emission source monitored	: Stack Emission of Boiler
(a) Rated Capacity	: 660 MW
(b) Capacity on sampling day	: 405 MW
(c) Type of fuel used & its consumption	: Coal & 239 Ton/hr
(d) Normal operating schedule	: 24 hrs
2. Stack Identification	: Stack attached to Boiler, Unit-II (at 65 meter's height)
3.Type of Stack/Duct	: Metal
4.Stack Height from Ground Level(m)	: 275
Diameter of the Stack(cm)	: 700
(6) Sampling Duration(minutes)	: 100
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 :	
Flue Gas Temperature, °C,Avg.	: 59
Flue Gas Velocity(m/s),Avg.	: 24.05
Volumetric Flow Rate(Nm ³ /hr.)	: 2867315.18
Ambient Air Temperature, °C	: 30

S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	General Parameters			

Saurabh Sharma
Saurabh Sharma
30-07-2021
Reviewer

PremKumar
30-07-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2107240913 Sample Reg. Date :24-07-2021 Report Date :29-07-2021 Report No. :ICE-2107291296 NABL ULR No. :TC592621000007951F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

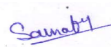
a.	Particulate Matter, mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-1)	Max. 50	41.84
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-2)	Max. 200	113.40
c.	Oxides of Nitrogen (NO _x), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-7)	Max. 450	243.09
d.	Mercury(As Hg),mg/Nm ³	USEPA Method	Max. 0.03	BLQ(LOQ:0.01)
e.	Carbon Monoxide(CO),% v/v	IS:13270	Max. 1.0	0.2
f.	Moisture, % by mass	IS: 11255 (P-3)	Not Specified	5.8

'#' represents Customer Defined Fields

NOTE : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per EPA Act 1986/PCLS/2010 , Sample collected by lab rep. on dated 23.07.2021, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A

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


Saurabh Sharma
30-07-2021
Reviewer


30-07-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

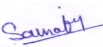
Test Report

Document QF : 2501
Page 1 of 2

Issued To	Sample Reg. No. :E01-2107311180 Sample Reg. Date :31-07-2021 Report Date :04-08-2021 Report No. :ICE-2108040137 NABL ULR No. :TC592621000008169F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020
Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	

Test Report as per :	: EPA Act 1986/PCLS/2010
General Information :	
Date of Monitoring	: 30-07-2021
Time of Monitoring	: 10:40 hrs to 12:20 hrs
Name of the emission source monitored	: Stack Emission of Boiler
(a) Rated Capacity	: 660 MW
(b) Capacity on sampling day	: 400 MW
(c) Type of fuel used & its consumption	: Coal & 255 Ton/hr
(d) Normal operating schedule	: 24 hrs
2. Stack Identification	: Stack attached to Boiler, Unit-I (at 65 meter's height)
3.Type of Stack/Duct	: Metal
4.Stack Height from Ground Level(m)	: 275
Diameter of the Stack(cm)	: 700
(6) Sampling Duration(minutes)	: 100
Purpose of Monitoring	: For Self Monitoring
(8) Air Pollution control measure	: ESP + FF + FGD + Low NOX Burner
(a) Status	: Working
(b) Recovery of Material	: -
(9) Fugitive Emission,if any	: Nil
Observations :	
Flue Gas Temperature, °C,Avg.	: 59
Flue Gas Velocity(m/s),Avg.	: 23.07
Volumetric Flow Rate(Nm ³ /hr.)	: 2758022.45
Ambient Air Temperature, °C	: 32

S.No.	Parameters	Instrument	Method	Specification	Result
	Discipline : Chemical				
	Group : Atmospheric Pollution				
1.	General Parameters				


Saurabh Sharma
04-08-2021
Reviewer


04-08-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2107311180 Sample Reg. Date :31-07-2021 Report Date :04-08-2021 Report No. :ICE-2108040137 NABL ULR No. :TC592621000008169F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

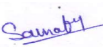
a.	Particulate Matter, mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	Gravimetric	IS:11255(P-1)	Max. 50	31.62
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	Titration	IS:11255(P-2)	Max. 200	128.39
c.	Oxides of Nitrogen (NO _x), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	UV-Spectrophotometer	IS:11255(P-7)	Max. 450	188.23
d.	Mercury(As Hg),mg/Nm ³	ICPOES	USEPA Method	Max. 0.03	BLQ(LOQ:0.01)
e.	Carbon Monoxide(CO),% v/v	Orsat Apparatus	IS:13270	Max. 1.0	0.2
f.	Moisture, % by mass	Gravimetric	IS: 11255 (P-3)	Not Specified	6.2

'#' represents Customer Defined Fields

NOTE : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per EPA Act 1986/PCLS/2010, Sample collected by lab rep. on dated 30.07.2021, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A

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


Saurabh Sharma
04-08-2021
Reviewer


04-08-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

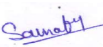
Test Report

Document QF : 2501
Page 1 of 2

Issued To	Sample Reg. No. :E01-2107311181 Sample Reg. Date :31-07-2021 Report Date :04-08-2021 Report No. :ICE-2108040136 NABL ULR No. :TC592621000008170F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020
Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	

Test Report as per :	: EPA Act 1986/PCLS/2010
General Information :	
Date of Monitoring	: 30-07-2021
Time of Monitoring	: 13:00 hrs to 14:40 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 & 257 Ton/hr
(d) Normal operating schedule	: 24 hrs
2. Stack Identification	: Stack attached to Boiler, Unit-II (at 65 meter's height)
3.Type of Stack/Duct	: Metal
4.Stack Height from Ground Level(m)	: 275
Diameter of the Stack(cm)	: 700
(6) Sampling Duration(minutes)	: 100
Purpose of Monitoring	: For Self Monitoring
(8) Air Pollution control measure	: ESP + FF + FGD + Low NOX Burner
(a) Status	: Working
(b) Recovery of Material	: -
(9) Fugitive Emission,if any	: Nil
Observations :	
Flue Gas Temperature, °C,Avg.	: 52
Flue Gas Velocity(m/s),Avg.	: 22.74
Volumetric Flow Rate(Nm ³ /hr.)	: 2780923.81
Ambient Air Temperature, °C	: 32

S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	General Parameters			


Saurabh Sharma
04-08-2021
Reviewer


04-08-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2107311181 Sample Reg. Date :31-07-2021 Report Date :04-08-2021 Report No. :ICE-2108040136 NABL ULR No. :TC592621000008170F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

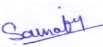
a.	Particulate Matter, mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-1)	Max. 50	26.82
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-2)	Max. 200	149.43
c.	Oxides of Nitrogen (NO _x), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-7)	Max. 450	206.18
d.	Mercury(As Hg),mg/Nm ³	USEPA Method	Max. 0.03	BLQ(LOQ:0.01)
e.	Carbon Monoxide(CO),% v/v	IS:13270	Max. 1.0	0.2
f.	Moisture, % by mass	IS: 11255 (P-3)	Not Specified	7.0

'#' represents Customer Defined Fields

NOTE : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per EPA Act 1986/PCLS/2010, Sample collected by lab rep. on dated 30.07.2021, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A

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


Saurabh Sharma
04-08-2021
Reviewer


04-08-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 1 of 3

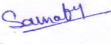
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2107050140 Sample Reg. Date :05-07-2021 Report Date :13-07-2021 Report No. :ICE-2107130580 NABL ULR No. :TC592621000007189F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

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

PART A : PARTICULARS OF SAMPLE SUBMITTED

a)	Nature of Sample #	ETP Inlet Water
b)	Grade / Variety / Type / Class / Size etc.	NA
c)	Brand Name	NA
d)	Declared Values,if any	NA
e)	Code No.	
f)	Batch Number #	NA
g)	D.O.M #	NA
h)	Date of Expiry #	NA
i)	Sample Quantity #	2 Ltr
j)	Batch Size/Location #	NA
k)	Mode of Packing	Packed in bottles
l)	Date of Receipt	05-07-2021
m)	Date of Start	05-07-2021
n)	Date of Completion	13-07-2021
o)	Seal (Intact/Not Intact/Unsealed)	NA
p)	IO'S Signature (Signed/Unsigned)	Unsigned
q)	Any Other Information	Sample collected by lab rep. on 02.07.2021
r)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
s)	Manufactured By #	NA
t)	Supplied By #	NA

PART B : SUPPLIMENTARY INFORMATIONS


Saurabh Sharma
13-07-2021
Reviewer


13-07-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

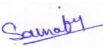
Document QF : 2501

Page 2 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. : E01-2107050140 Sample Reg. Date : 05-07-2021 Report Date : 13-07-2021 Report No. : ICE-2107130580 NABL ULR No. : TC592621000007189F Customer Ref. No. : Order No.5030010814 Letter Dated : 29.10.2020

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	Result
Discipline : Chemical			
Group : Pollution & Environment			
1.	General Parameters		
a.	Colour	IS:3025(Part4):1983(RA:2017)amd no1	Light Greyish
b.	Odour	IS:3025(Part 5):1983(RA:2017)	None
c.	pH Value	IS:3025 (Part - 11):1983(RA:2017)	7.75
d.	Total Suspended Solids,(mg/l)	IS:3025(Part 17)	53
e.	Total Dissolved Solids (mg/l)	IS:3025(Part 16):1984(RA.2006)	408
f.	Chemical Oxygen Demand(mg/l)	APHA-23rd Edition	124
g.	Bio-chemical Oxygen Demand, mg/l (3 days at 27°C)	IS:3025(P-44)	43
h.	Oil & Grease(mg/l)	IS:3025(P-39)	0.6
i.	Zinc(As Zn)(mg/l)	IS: 3025 (P-2)	BLQ(LOQ:0.05)
j.	Arsenic(as As)(mg/l)	IS: 3025 (P-2)	BLQ(LOQ:0.05)
k.	Total Chromium as Cr (mg/l)	IS: 3025 (P-2)	BLQ(LOQ:0.05)
l.	Cyanide as CN, (mg/l)	IS:3025(P-27)	Absent
m.	Iron(as Fe)(mg/l)	IS: 3025 (P-2)	BLQ(LOQ:0.05)
n.	Temperature(°C)	IS: 3025 (P-9)	22.1
o.	Free Residual Chlorine (mg/l)	IS:3025(Part 26):1986(RA:2014)amd no 1	BLQ(LOQ:1.0)


Saurabh Sharma
13-07-2021
Reviewer


13-07-2021
Prem Kumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 3 of 3

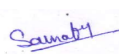
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2107050140 Sample Reg. Date :05-07-2021 Report Date :13-07-2021 Report No. :ICE-2107130580 NABL ULR No. :TC592621000007189F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020
p. Phosphate as P (mg/l)	APHA-23rd Edition 1.2

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
13-07-2021
Reviewer


13-07-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 1 of 3

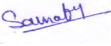
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2107050142 Sample Reg. Date :05-07-2021 Report Date :15-07-2021 Report No. :ICE-2107150673 NABL ULR No. :TC592621000007301F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

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)	Grade / Variety / Type / Class / Size etc.	NA
c)	Brand Name	NA
d)	Declared Values,if any	NA
e)	Code No.	
f)	Batch Number #	NA
g)	D.O.M #	NA
h)	Date of Expiry #	NA
i)	Sample Quantity #	2+5 Ltr
j)	Batch Size/Location #	NA
k)	Mode of Packing	Packed in bottles & in cans
l)	Date of Receipt	05-07-2021
m)	Date of Start	05-07-2021
n)	Date of Completion	15-07-2021
o)	Seal (Intact/Not Intact/Unsealed)	NA
p)	IO'S Signature (Signed/Unsigned)	Unsigned
q)	Any Other Information	Sample collected by lab rep. on 02.07.2021
r)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
s)	Manufactured By #	NA
t)	Supplied By #	NA

PART B : SUPPLIMENTARY INFORMATIONS


Saurabh Sharma
15-07-2021
Reviewer


15-07-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

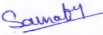
Document QF : 2501

Page 2 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2107050142 Sample Reg. Date :05-07-2021 Report Date :15-07-2021 Report No. :ICE-2107150673 NABL ULR No. :TC592621000007301F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

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

Description				
Description		ETP Outlet Water		
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Pollution & Environment				
1. General Parameters				
a.	Colour	IS:3025(Part4):1983(RA:2017)amd. no1	Not Specified	Colourless
b.	Odour	IS:3025(Part 5):1983(RA:2017)	Not Specified	None
c.	pH Value	IS:3025 (Part - 11):1983(RA:2017)	5.5-9	7.91
d.	Total Suspended Solids,(mg/l)	IS:3025(Part 17)	Max. 100	8
e.	Total Dissolved Solids (mg/l)	IS:3025(Part 16):1984(RA.2006)	Max. 2100--	474
f.	Chemical Oxygen Demand(mg/l)	APHA-23rd Edition	Max. 250	28
g.	Bio-chemical Oxygen Demand, mg/l (3 days at 27°C)	IS:3025(P-44)	Max. 30	6
h.	Oil & Grease(mg/l)	IS:3025(P-39)	Max. 10	<0.1
i.	Zinc(As Zn)(mg/l)	IS: 3025 (P-2)	Max. 5.0	BLQ(LOQ:0.05)
j.	Arsenic(as As)(mg/l)	IS: 3025 (P-2)	Max. 0.2	BLQ(LOQ:0.05)
k.	Total Chromium as Cr (mg/l)	IS: 3025 (P-2)	Max. 2.0	BLQ(LOQ:0.05)
l.	Cyanide as CN, (mg/l)	IS:3025(P-27)	Max. 0.2	Absent
m.	Iron(as Fe)(mg/l)	IS: 3025 (P-2)	Max. 3.0	BLQ(LOQ:0.05)


Saurabh Sharma
15-07-2021
Reviewer


15-07-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 3 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2107050142 Sample Reg. Date :05-07-2021 Report Date :15-07-2021 Report No. :ICE-2107150673 NABL ULR No. :TC592621000007301F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

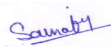
n.	Bio Assay Test	IS:6582-1971	Minimum 90 % survival of fish was observed after 96 hours in 100 % effluent	100% survival of fishes was observed in 100% effluent after 96 hours
o.	Temperature(°C)	IS: 3025 (P-9)		22.4
p.	Free Residual Chlorine (mg/l)	IS:3025(P-26)	Max. 1.0	BLQ(LOQ:1.0)
q.	Phosphate as P (mg/l)	APHA-23rd Edition	Not Specified	BLQ(LOQ:0.1)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
15-07-2021
Reviewer


15-07-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 1 of 3

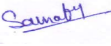
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2107050144 Sample Reg. Date :05-07-2021 Report Date :14-07-2021 Report No. :ICE-2107140611 NABL ULR No. :TC592621000007237F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

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)	Grade / Variety / Type / Class / Size etc.	NA
c)	Brand Name	NA
d)	Declared Values,if any	NA
e)	Code No.	
f)	Batch Number #	NA
g)	D.O.M #	NA
h)	Date of Expiry #	NA
i)	Sample Quantity #	2 Ltr
j)	Batch Size/Location #	NA
k)	Mode of Packing	Packed in bottles
l)	Date of Receipt	05-07-2021
m)	Date of Start	05-07-2021
n)	Date of Completion	14-07-2021
o)	Seal (Intact/Not Intact/Unsealed)	NA
p)	IO'S Signature (Signed/Unsigned)	Unsigned
q)	Any Other Information	Sample collected by lab rep. on 02.07.2021
r)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
s)	Manufactured By #	NA
t)	Supplied By #	NA

PART B : SUPPLIMENTARY INFORMATIONS


Saurabh Sharma
14-07-2021
Reviewer


14-07-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 2 of 3

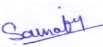
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2107050144 Sample Reg. Date :05-07-2021 Report Date :14-07-2021 Report No. :ICE-2107140611 NABL ULR No. :TC592621000007237F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

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

Description				
Description		STP Inlet Water (Plant)		
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Pollution & Environment				
1. General Parameters				
a.	Colour	IS:3025(Part4):1983(RA:2017)amd. no1		Light Yellowish
b.	Odour	IS:3025(Part 5):1983(RA:2017)		Mild
c.	pH Value	IS:3025 (Part - 11):1983(RA:2017)		7.00
d.	Total Suspended Solids,(mg/l)	IS:3025(Part 17)		84
e.	Total Dissolved Solids (mg/l)	IS:3025(Part 16):1984(RA.2006)	-	360
f.	Chemical Oxygen Demand(mg/l)	APHA-23rd Edition		121
g.	Bio-chemical Oxygen Demand, mg/l (3 days at 27°C)	IS:3025(P-44)		42
h.	Oil & Grease(mg/l)	IS:3025(P-39)		1.4
i.	Free Residual Chlorine (mg/l)	IS:3025(Part 26):1986(RA:2014)amd no 1		BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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


Saurabh Sharma
14-07-2021
Reviewer


14-07-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

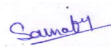
Document QF : 2501

Page 3 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2107050144 Sample Reg. Date :05-07-2021 Report Date :14-07-2021 Report No. :ICE-2107140611 NABL ULR No. :TC592621000007237F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

REMARKS :N/A

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


Saurabh Sharma
14-07-2021
Reviewer


14-07-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 1 of 3

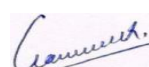
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2107050145 Sample Reg. Date :05-07-2021 Report Date :14-07-2021 Report No. :ICE-2107140612 NABL ULR No. :TC592621000007264F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

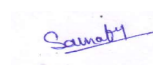
Test Report as per IS:NA	With Amendment No.(s):

PART A : PARTICULARS OF SAMPLE SUBMITTED

a)	Nature of Sample #	STP Inlet Water (Plant).
b)	Grade / Variety / Type / Class / Size etc.	NA
c)	Brand Name	NA
d)	Declared Values,if any	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	05-07-2021
m)	Date of Start	05-07-2021
n)	Date of Completion	14-07-2021
o)	Seal (Intact/Not Intact/Unsealed)	NA
p)	IO'S Signature (Signed/Unsigned)	Unsigned
q)	Any Other Information	Sample collected by lab rep. on 02.07.2021
r)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
s)	Manufactured By #	NA
t)	Supplied By #	NA

PART B : SUPPLIMENTARY INFORMATIONS


14-07-2021
Gaurav Khandelwal
[Authorized Signatory]


14-07-2021
Saurabh Sharma
Reviewer


14-07-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 2 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2107050145 Sample Reg. Date :05-07-2021 Report Date :14-07-2021 Report No. :ICE-2107140612 NABL ULR No. :TC592621000007264F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

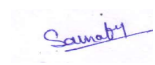
a. Reference to sampling procedure, whenever applicable	: N/A
b. Supporting documents for the measurement taken and results derived like graphs, tables, sketches and / or photographs as appropriate to test reports, if any	: N/A
c. Deviation from the test methods as prescribed in relevant ISS/WORK Instruments,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

Description			
Description		STP Inlet Water (Plant).	
S.No.	Parameters	Method	Result
Discipline : Chemical			
Group : Pollution & Environment			
1. General Parameters			
a.	Nitrate as NO ₃ (mg/l)	IS:3025(P-34)	0.14
b.	Calcium(as Ca)(mg/l)	IS:3025(P-40)	53
c.	Magnesium as Mg(mg/l)	IS:3025(Part-46)	22
d.	Sodium(as Na)(mg/l)	IS:3025(P-45)	61.8
e.	Potassium as K,(mg/l)	IS:3025(P-45)	14.4
f.	Phosphate as PO ₄ (mg/l)	APHA-23rd Edition	0.32
Discipline : Biological			
Group : Pollution & Environment			
1. Microbiological Tests			
a.	Faecal Coliforms, (MPN/100ml)	APHA-23 rd Edn 17-9221 F	<1.8
b.	<i>E.coli</i> , (MPN/100ml)	APHA-23 rd Edn 17-9221 F	<1.8
c.	Total Coliform (MPN/100ml)	APHA-23 rd Edn 17-9221 F	<1.8

'#' represents Customer Defined Fields

NOTE : NA- Not Applicable, Sampling Procedure - SOP/ITC/EW/030, Purpose - For Self monitoring


 14-07-2021
 Gaurav Khandelwal
 [Authorized Signatory]


 14-07-2021
 Saurabh Sharma
 Reviewer


 14-07-2021
 PremKumar
 [Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

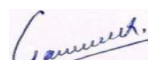
Document QF : 2501

Page 3 of 3

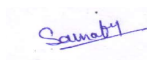
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2107050145 Sample Reg. Date :05-07-2021 Report Date :14-07-2021 Report No. :ICE-2107140612 NABL ULR No. :TC592621000007264F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

REMARKS :N/A

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



14-07-2021
Gaurav Khandelwal
[Authorized Signatory]



Saurabh Sharma
14-07-2021
Reviewer



14-07-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 1 of 3

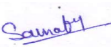
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2107050146 Sample Reg. Date :05-07-2021 Report Date :14-07-2021 Report No. :ICE-2107140613 NABL ULR No. :TC592621000007266F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

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)	Grade / Variety / Type / Class / Size etc.	NA
c)	Brand Name	NA
d)	Declared Values,if any	NA
e)	Code No.	
f)	Batch Number #	NA
g)	D.O.M #	NA
h)	Date of Expiry #	NA
i)	Sample Quantity #	2 Ltr
j)	Batch Size/Location #	NA
k)	Mode of Packing	Packed in bottles
l)	Date of Receipt	05-07-2021
m)	Date of Start	05-07-2021
n)	Date of Completion	14-07-2021
o)	Seal (Intact/Not Intact/Unsealed)	NA
p)	IO'S Signature (Signed/Unsigned)	Unsigned
q)	Any Other Information	Sample collected by lab rep. on 02.07.2021
r)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
s)	Manufactured By #	NA
t)	Supplied By #	NA

PART B : SUPPLIMENTARY INFORMATIONS


Saurabh Sharma
14-07-2021
Reviewer


14-07-2021
PremKumar
[Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.

(ISO 9001:2015 & 14001:2015 OHSAS 18001:2007 Certified Laboratory)

(A Government Approved Test House)

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

Phone : (O) 0172-2561543, 2565825

Visit us : www.itclabs.com Email : customersupport@itclabs.com

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 2 of 3

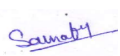
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2107050146 Sample Reg. Date :05-07-2021 Report Date :14-07-2021 Report No. :ICE-2107140613 NABL ULR No. :TC592621000007266F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

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

Description				
Description		STP Outlet Water (Plant)		
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Pollution & Environment				
1. General Parameters				
a.	Colour	IS:3025(Part4):1983(RA:2017)amd. no1	Not Specified	Colourless
b.	Odour	IS:3025(Part 5):1983(RA:2017)	Not Specified	None
c.	pH Value	IS:3025 (Part - 11):1983(RA:2017)	6.5-9	7.63
d.	Total Suspended Solids,(mg/l)	IS:3025(Part 17)	Max. 100	3
e.	Total Dissolved Solids (mg/l)	IS:3025(Part 16):1984(RA.2006)	Not Specified	347
f.	Chemical Oxygen Demand(mg/l)	APHA-23rd Edition	Not Specified	12
g.	Bio-chemical Oxygen Demand, mg/l (3 days at 27°C)	IS:3025(P-44)	Max. 30	3
h.	Oil & Grease(mg/l)	IS:3025(P-39)	Max. 10	<0.1
i.	Free Residual Chlorine (mg/l)	IS:3025(P-26)	Max. 1.0	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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


Saurabh Sharma
14-07-2021
Reviewer


14-07-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

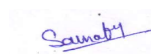
Document QF : 2501

Page 3 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2107050146 Sample Reg. Date :05-07-2021 Report Date :14-07-2021 Report No. :ICE-2107140613 NABL ULR No. :TC592621000007266F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

REMARKS :N/A

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



Saurabh Sharma
14-07-2021
Reviewer



14-07-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 1 of 3

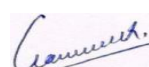
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2107050147 Sample Reg. Date :05-07-2021 Report Date :14-07-2021 Report No. :ICE-2107140615 NABL ULR No. :TC592621000007265F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

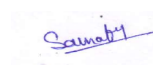
Test Report as per IS: EPA Act 1986/PCLS/2010	With Amendment No.(s):

PART A : PARTICULARS OF SAMPLE SUBMITTED

a)	Nature of Sample #	STP Outlet Water (Plant).
b)	Grade / Variety / Type / Class / Size etc.	NA
c)	Brand Name	NA
d)	Declared Values,if any	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	05-07-2021
m)	Date of Start	05-07-2021
n)	Date of Completion	14-07-2021
o)	Seal (Intact/Not Intact/Unsealed)	NA
p)	IO'S Signature (Signed/Unsigned)	Unsigned
q)	Any Other Information	Sample collected by lab rep. on 02.07.2021
r)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
s)	Manufactured By #	NA
t)	Supplied By #	NA

PART B : SUPPLIMENTARY INFORMATIONS


14-07-2021
Gaurav Khandelwal
[Authorized Signatory]


14-07-2021
Saurabh Sharma
Reviewer


14-07-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

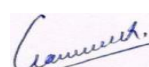
Page 2 of 3

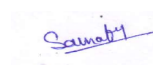
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2107050147 Sample Reg. Date :05-07-2021 Report Date :14-07-2021 Report No. :ICE-2107140615 NABL ULR No. :TC592621000007265F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

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

Description				
Description		STP Outlet Water (Plant).		
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Pollution & Environment				
1. General Parameters				
a.	Nitrate as NO ₃ (mg/l)	IS 3025 (Part 34)	Max. 10	0.08
b.	Calcium(as Ca)(mg/l)	IS:3025(P-40)	Not Specified	88
c.	Magnesium as Mg(mg/l)	IS: 3025 (P-46)	Not Specified	24
d.	Sodium(as Na)(mg/l)	IS:3025(P-45)	Not Specified	151
e.	Potassium as K,(mg/l)	IS:3025(P-45)	Not Specified	19.4
f.	Phosphate(as PO ₄), mg/L	APHA-23rd Edition	Max. 5.0	0.16
Discipline : Biological				
Group : Pollution & Environment				
1. Microbiological Tests				
a.	Faecal Coliform, MPN/100ml	APHA-23 rd Edn 17-9221 F	Max. 1000	<1.8
b.	<i>E.coli</i> , (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	<1.8

'#' represents Customer Defined Fields


14-07-2021
Gaurav Khandelwal
[Authorized Signatory]


Saurabh Sharma
14-07-2021
Reviewer


14-07-2021
Prem Kumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

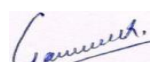
Page 3 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2107050147 Sample Reg. Date :05-07-2021 Report Date :14-07-2021 Report No. :ICE-2107140615 NABL ULR No. :TC592621000007265F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

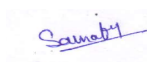
NOTE : NA- Not Applicable, Requirements as per EPA-1986, PCLS/02/2010, Sampling Procedure - SOP/ITC/EW/030, Purpose - For Self monitoring

REMARKS :N/A

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



14-07-2021
Gaurav Khandelwal
[Authorized Signatory]



Saurabh Sharma
14-07-2021
Reviewer



14-07-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 1 of 3

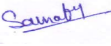
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2107050148 Sample Reg. Date :05-07-2021 Report Date :14-07-2021 Report No. :ICE-2107140616 NABL ULR No. :TC592621000007246F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

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)	Grade / Variety / Type / Class / Size etc.	NA
c)	Brand Name	NA
d)	Declared Values,if any	NA
e)	Code No.	
f)	Batch Number #	NA
g)	D.O.M #	NA
h)	Date of Expiry #	NA
i)	Sample Quantity #	2 Ltr
j)	Batch Size/Location #	NA
k)	Mode of Packing	Packed in bottles
l)	Date of Receipt	05-07-2021
m)	Date of Start	05-07-2021
n)	Date of Completion	14-07-2021
o)	Seal (Intact/Not Intact/Unsealed)	NA
p)	IO'S Signature (Signed/Unsigned)	Unsigned
q)	Any Other Information	Sample collected by lab rep. on 02.07.2021
r)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
s)	Manufactured By #	NA
t)	Supplied By #	NA

PART B : SUPPLIMENTARY INFORMATIONS


Saurabh Sharma
14-07-2021
Reviewer


14-07-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 2 of 3

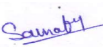
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2107050148 Sample Reg. Date :05-07-2021 Report Date :14-07-2021 Report No. :ICE-2107140616 NABL ULR No. :TC592621000007246F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

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

Description				
Description		STP Inlet Water (Township)		
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Pollution & Environment				
1. General Parameters				
a.	Colour	IS:3025(Part4):1983(RA:2017)amd. no1		Light Yellowish
b.	Odour	IS:3025(Part 5):1983(RA:2017)		None
c.	pH Value	IS:3025 (Part - 11):1983(RA:2017)		7.27
d.	Total Suspended Solids,(mg/l)	IS:3025(Part 17)		58
e.	Total Dissolved Solids (mg/l)	IS:3025(Part 16):1984(RA.2006)	-	765
f.	Chemical Oxygen Demand(mg/l)	APHA-23rd Edition		52
g.	Bio-chemical Oxygen Demand, mg/l (3 days at 27°C)	IS:3025(P-44)		20
h.	Oil & Grease(mg/l)	IS:3025(P-39)		1.8
i.	Free Residual Chlorine (mg/l)	IS:3025(Part 26):1986(RA:2014)amd no 1		BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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


Saurabh Sharma
14-07-2021
Reviewer


14-07-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

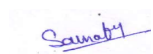
Document QF : 2501

Page 3 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2107050148 Sample Reg. Date :05-07-2021 Report Date :14-07-2021 Report No. :ICE-2107140616 NABL ULR No. :TC592621000007246F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

REMARKS :N/A

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



Saurabh Sharma
14-07-2021
Reviewer



14-07-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 1 of 3

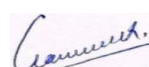
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2107050149 Sample Reg. Date :05-07-2021 Report Date :14-07-2021 Report No. :ICE-2107140617 NABL ULR No. :TC592621000007245F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

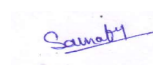
Test Report as per IS: NA	With Amendment No.(s):

PART A : PARTICULARS OF SAMPLE SUBMITTED

a)	Nature of Sample #	STP Inlet Water (Township).
b)	Grade / Variety / Type / Class / Size etc.	NA
c)	Brand Name	NA
d)	Declared Values,if any	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	05-07-2021
m)	Date of Start	05-07-2021
n)	Date of Completion	14-07-2021
o)	Seal (Intact/Not Intact/Unsealed)	NA
p)	IO'S Signature (Signed/Unsigned)	Unsigned
q)	Any Other Information	Sample collected by lab rep. on 02.07.2021
r)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
s)	Manufactured By #	NA
t)	Supplied By #	NA

PART B : SUPPLIMENTARY INFORMATIONS


14-07-2021
Gaurav Khandelwal
[Authorized Signatory]


14-07-2021
Saurabh Sharma
Reviewer


14-07-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 2 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2107050149 Sample Reg. Date :05-07-2021 Report Date :14-07-2021 Report No. :ICE-2107140617 NABL ULR No. :TC592621000007245F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

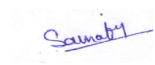
a. Reference to sampling procedure, whenever applicable	: N/A
b. Supporting documents for the measurement taken and results derived like graphs, tables, sketches and / or photographs as appropriate to test reports, if any	: N/A
c. Deviation from the test methods as prescribed in relevant ISS/WORK Instruments,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

Description			
Description		STP Inlet Water (Township).	
S.No.	Parameters	Method	Result
	Discipline : Chemical		
	Group : Pollution & Environment		
1.	General Parameters		
a.	Nitrate as NO ₃ (mg/l)	IS:3025(P-34)	0.28
b.	Calcium(as Ca)(mg/l)	IS:3025(P-40)	74
c.	Magnesium as Mg(mg/l)	IS:3025(Part-46)	36
d.	Sodium(as Na)(mg/l)	IS:3025(P-45)	79.3
e.	Potassium as K,(mg/l)	IS:3025(P-45)	21.4
f.	Phosphate as PO ₄ (mg/l)	APHA-23rd Edition	0.39
	Discipline : Biological		
	Group : Pollution & Environment		
1.	Microbiological Tests		
a.	Faecal Coliforms, (MPN/100ml)	APHA-23 rd Edn 17-9221 F	<1.8
b.	<i>E.coli</i> , (MPN/100ml)	APHA-23 rd Edn 17-9221 F	<1.8
c.	Total Coliform (MPN/100ml)	APHA-23 rd Edn 17-9221 F	22

'#' represents Customer Defined Fields

NOTE : NA- Not Applicable, Sampling Procedure - SOP/ITC/EW/030, Purpose - For Self monitoring


14-07-2021
Gaurav Khandelwal
[Authorized Signatory]


Saurabh Sharma
14-07-2021
Reviewer


14-07-2021
PremKumar
[Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.
(ISO 9001:2015 & 14001:2015 OHSAS 18001:2007 Certified Laboratory)
(A Government Approved Test House)
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)
Phone : (O) 0172-2561543, 2565825
Visit us : www.itclabs.com Email : customersupport@itclabs.com

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

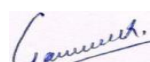
Document QF : 2501

Page 3 of 3

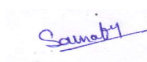
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2107050149 Sample Reg. Date :05-07-2021 Report Date :14-07-2021 Report No. :ICE-2107140617 NABL ULR No. :TC592621000007245F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

REMARKS :N/A

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



14-07-2021
Gaurav Khandelwal
[Authorized Signatory]



Saurabh Sharma
14-07-2021
Reviewer



14-07-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 1 of 3

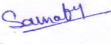
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2107050150 Sample Reg. Date :05-07-2021 Report Date :14-07-2021 Report No. :ICE-2107140614 NABL ULR No. :TC592621000007236F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

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)	Grade / Variety / Type / Class / Size etc.	NA
c)	Brand Name	NA
d)	Declared Values,if any	NA
e)	Code No.	
f)	Batch Number #	NA
g)	D.O.M #	NA
h)	Date of Expiry #	NA
i)	Sample Quantity #	2 Ltr
j)	Batch Size/Location #	NA
k)	Mode of Packing	Packed in bottles
l)	Date of Receipt	05-07-2021
m)	Date of Start	05-07-2021
n)	Date of Completion	14-07-2021
o)	Seal (Intact/Not Intact/Unsealed)	NA
p)	IO'S Signature (Signed/Unsigned)	Unsigned
q)	Any Other Information	Sample collected by lab rep. on 02.07.2021
r)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
s)	Manufactured By #	NA
t)	Supplied By #	NA

PART B : SUPPLIMENTARY INFORMATIONS


Saurabh Sharma
14-07-2021
Reviewer


14-07-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 2 of 3

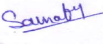
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. : E01-2107050150 Sample Reg. Date : 05-07-2021 Report Date : 14-07-2021 Report No. : ICE-2107140614 NABL ULR No. : TC592621000007236F Customer Ref. No. : Order No.5030010814 Letter Dated : 29.10.2020

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

Description				
Description		STP Outlet Water (Township)		
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Pollution & Environment				
1. General Parameters				
a.	Colour	IS:3025(Part4):1983(RA: 2017)amd. no1	Not Specified	Colourless
b.	Odour	IS:3025(Part 5):1983(RA:2017)	Not Specified	None
c.	pH Value	IS:3025 (Part - 11):1983(RA:2017)	6.5-9	7.36
d.	Total Suspended Solids,(mg/l)	IS:3025(Part 17)	Max. 100	21
e.	Total Dissolved Solids (mg/l)	IS:3025(Part 16):1984(RA.2006)	Not Specified	705
f.	Chemical Oxygen Demand(mg/l)	APHA-23rd Edition	Not Specified	20
g.	Bio-chemical Oxygen Demand, mg/l (3 days at 27°C)	IS:3025(P-44)	Max. 30	6
h.	Oil & Grease(mg/l)	IS:3025(P-39)	Max. 10	0.2
i.	Free Residual Chlorine (mg/l)	IS:3025(P-26)	Max. 1.0	BLQ(LOQ:1.0)

'#' 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
14-07-2021
Reviewer


14-07-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

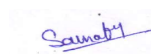
Document QF : 2501

Page 3 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2107050150 Sample Reg. Date :05-07-2021 Report Date :14-07-2021 Report No. :ICE-2107140614 NABL ULR No. :TC592621000007236F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

REMARKS :N/A

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



Saurabh Sharma
14-07-2021
Reviewer



14-07-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 1 of 3

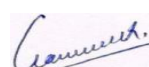
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2107050151 Sample Reg. Date :05-07-2021 Report Date :13-07-2021 Report No. :ICE-2107130581 NABL ULR No. :TC592621000007198F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

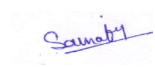
Test Report as per IS: EPA Act 1986/PCLS/2010	With Amendment No.(s):

PART A : PARTICULARS OF SAMPLE SUBMITTED

a)	Nature of Sample [#]	STP Outlet Water (Township).
b)	Grade / Variety / Type / Class / Size etc.	NA
c)	Brand Name	NA
d)	Declared Values,if any	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	05-07-2021
m)	Date of Start	05-07-2021
n)	Date of Completion	13-07-2021
o)	Seal (Intact/Not Intact/Unsealed)	NA
p)	IO'S Signature (Signed/Unsigned)	Unsigned
q)	Any Other Information	Sample collected by lab rep. on 02.07.2021
r)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
s)	Manufactured By [#]	NA
t)	Supplied By [#]	NA

PART B : SUPPLIMENTARY INFORMATIONS


13-07-2021
Gaurav Khandelwal
[Authorized Signatory]


13-07-2021
Saurabh Sharma
Reviewer


13-07-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

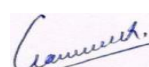
Page 2 of 3

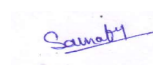
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2107050151 Sample Reg. Date :05-07-2021 Report Date :13-07-2021 Report No. :ICE-2107130581 NABL ULR No. :TC592621000007198F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

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

Description				
Description		STP Outlet Water (Township).		
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Pollution & Environment				
1. General Parameters				
a.	Nitrate as NO ₃ (mg/l)	IS 3025 (Part 34)	Max. 10	0.22
b.	Calcium(as Ca)(mg/l)	IS:3025(P-40)	Not Specified	52
c.	Magnesium as Mg(mg/l)	IS: 3025 (P-46)	Not Specified	26
d.	Sodium(as Na)(mg/l)	IS:3025(P-45)	Not Specified	58
e.	Potassium as K,(mg/l)	IS:3025(P-45)	Not Specified	28
f.	Phosphate(as PO ₄), mg/L	APHA-23rd Edition	Max. 5.0	0.22
Discipline : Biological				
Group : Pollution & Environment				
1. Microbiological Tests				
a.	Faecal Coliform, MPN/100ml	APHA-23 rd Edn 17-9221 F	Max. 1000	11
b.	E.coli, (MPN/100ml)	APHA 23rd Edn 17-9221 E	Not Specified	11
c.	Total Coliform (MPN/100ml)	APHA-23 rd Edn 17-9221 F	Not Specified	17

'#' represents Customer Defined Fields


13-07-2021
Gaurav Khandelwal
[Authorized Signatory]


Saurabh Sharma
13-07-2021
Reviewer


13-07-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

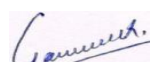
Page 3 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2107050151 Sample Reg. Date :05-07-2021 Report Date :13-07-2021 Report No. :ICE-2107130581 NABL ULR No. :TC592621000007198F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

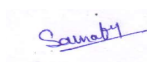
NOTE : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per EPA Act 1986/PCLS/2010, Sampling Procedure - SOP/ITC/EW/030, Purpose - For Self monitoring

REMARKS :N/A

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



13-07-2021
Gaurav Khandelwal
[Authorized Signatory]



Saurabh Sharma
13-07-2021
Reviewer



13-07-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. : P01-2107310074 Sample Reg. Date : 31-07-2021 Report Date : 03-08-2021 Customer Ref. No.: Order No.5030010814 Letter Dated : 29.10.2020

Test Report as per :	: EPA Act 1986/PCLS/2010
General Information :	
Name of Sample	: Ambient Noise
Date of Monitoring	: 28-07-2021
Time of Monitoring	: Day & Night
Nature of Industry	: Thermal Power Plant
Purpose of Monitoring	: For Self Monitoring

Description				
Description		Noise Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Location Name			
a.	Near Gate No.1 (Day Time), Leq dB (A)	IS: 9989 (Reaffirmed 2014)	Max. 75.0	55.1
b.	Near Gate No.1 (Night Time), Leq dB (A)	IS: 9989 (Reaffirmed 2014)	Max. 70.0	52.5
c.	Near Gate No.2 (Day Time), Leq dB (A)	IS: 9989 (Reaffirmed 2014)	Max. 75.0	55.2
d.	Near Gate No.2 (Night Time), Leq dB (A)	IS: 9989 (Reaffirmed 2014)	Max. 70.0	52.0
e.	Near Gate No.3 (Day Time), Leq dB (A)	IS: 9989 (Reaffirmed 2014)	Max. 75.0	54.3
f.	Near Gate No.3 (Night Time), Leq dB (A)	IS: 9989 (Reaffirmed 2014)	Max. 70.0	50.0
g.	Near Guest House (Day Time), Leq dB (A)	IS: 9989 (Reaffirmed 2014)	Max. 75.0	56.8


 Saurabh Sharma
 03-08-2021
 Reviewer


 03-08-2021
 Prem Kumar
 [Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.

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

Disclaimer:

- The report is only for the sample tested.
- Total liability of ITC Labs is limited to invoiced amount.
- The test report shall not be reproduced except in full without the written approval of the laboratory.
- If samples not consumed during analysis, it will be stored & retain as per company policy.
- Samples not drawn by us unless otherwise stated.
- Test report in full or parts shall not be used for promotional or publicity purposes.
- Legal disputes are subjected to Panchkula Jurisdiction only.

Test Report

Document QF : 2501

Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. : P01-2107310074 Sample Reg. Date : 31-07-2021 Report Date : 03-08-2021 Customer Ref. No.: Order No.5030010814 Letter Dated : 29.10.2020

h.	Near Guest House (Night Time), Leq dB (A)	IS: 9989 (Reaffirmed 2014)	Max. 70.0	50.9
i.	Near D Block (Day Time), Leq dB (A)	IS: 9989 (Reaffirmed 2014)	Max. 75.0	54.0
j.	Near D Block (Night Time), Leq dB (A)	IS: 9989 (Reaffirmed 2014)	Max. 70.0	48.9

'#' represents Customer Defined Fields

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

REMARKS : N/A

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


Saurabh Sharma
03-08-2021
Reviewer


03-08-2021
PremKumar
[Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.

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

Disclaimer:

1. The report is only for the sample tested.
2. Total liability of ITC Labs is limited to invoiced amount.
3. The test report shall not be reproduced except in full without the written approval of the laboratory.
4. If samples not consumed during analysis, it will be stored & retain as per company policy.
5. Samples not drawn by us unless otherwise stated.
6. Test report in full or parts shall not be used for promotional or publicity purposes.
7. Legal disputes are subjected to Panchkula Jurisdiction only.

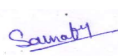
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2108130399 Sample Reg. Date :13-08-2021 Report Date :20-08-2021 Report No. :ICE-2108200610 NABL ULR No. :TC592621000008851F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information : Location of Sampling Point Date of Monitoring Time of Monitoring Purpose of Monitoring Duration of Monitoring,minutes Avg. Flow Rate of Sampling,m3/min Volume of air sampled,m3 Avg. Ambient Temperature,°C	: Near Guest House : 02-08-2021 : 11:40 hrs : For Self Monitoring : 1440 : 1.33 : 1827.99 : 31

Description				
Description	Ambient Air Quality Monitoring			
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Atmospheric Pollution				
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂),µg/m ³	IS:5182(P-2)	80 Max	8.90
b.	Nitrogen Dioxide(NO ₂),µg/m ³	IS:5182(P-6)	80 Max	12.66
c.	Particulate Matter (PM ₁₀),µg/m ³	IS:5182(P-23)	100 Max	83.26
d.	Particulate matter (PM _{2.5}),µg/m ³	STP/ITC/EW-01	60 Max	40.40
e.	Ozone(O ₃),µg/m ³	IS:5182(P-9)	180 Max	BLQ (LOQ:14)
f.	Lead(As Pb),µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m ³	IS:5182(P-10)	4 Max	BLQ (LOQ:1.0)
h.	Ammonia(NH ₃),µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)


Saurabh Sharma
20-08-2021
Reviewer


20-08-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2108130399 Sample Reg. Date :13-08-2021 Report Date :20-08-2021 Report No. :ICE-2108200610 NABL ULR No. :TC592621000008851F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

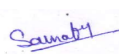
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
20-08-2021
Reviewer


20-08-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis,it will be stored as per required storage condition.
- The results relate to the item tested.

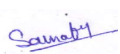
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2108130400 Sample Reg. Date :13-08-2021 Report Date :20-08-2021 Report No. :ICE-2108200611 NABL ULR No. :TC592621000008852F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information : Location of Sampling Point Date of Monitoring Time of Monitoring Purpose of Monitoring Duration of Monitoring, minutes Avg. Flow Rate of Sampling, m ³ /min Volume of air sampled, m ³ Avg. Ambient Temperature, °C	: Near Gate No. 3 : 02-08-2021 : 11:20 hrs : For Self Monitoring : 1440 : 1.32 : 1814.25 : 31

Description				
Description	Ambient Air Quality Monitoring			
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Atmospheric Pollution				
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	19.29
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	23.42
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	95.74
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	54.29
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ (LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	1.2
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)


Saurabh Sharma
20-08-2021
Reviewer


20-08-2021
Prem Kumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2108130400 Sample Reg. Date :13-08-2021 Report Date :20-08-2021 Report No. :ICE-2108200611 NABL ULR No. :TC592621000008852F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

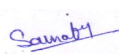
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
20-08-2021
Reviewer


20-08-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis,it will be stored as per required storage condition.
- The results relate to the item tested.

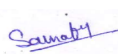
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2108130401 Sample Reg. Date :13-08-2021 Report Date :20-08-2021 Report No. :ICE-2108200609 NABL ULR No. :TC592621000008853F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information : Location of Sampling Point Date of Monitoring Time of Monitoring Purpose of Monitoring Duration of Monitoring, minutes Avg. Flow Rate of Sampling, m ³ /min Volume of air sampled, m ³ Avg. Ambient Temperature, °C	: Village- Khanpur : 02-08-2021 : 11:00 hrs : For Self Monitoring : 1440 : 1.33 : 1816.05 : 33

Description				
Description	Ambient Air Quality Monitoring			
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Atmospheric Pollution				
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), μg/m ³	IS:5182(P-2)	80 Max	16.43
b.	Nitrogen Dioxide(NO ₂), μg/m ³	IS:5182(P-6)	80 Max	22.30
c.	Particulate Matter (PM ₁₀), μg/m ³	IS:5182(P-23)	100 Max	96.20
d.	Particulate matter (PM _{2.5}), μg/m ³	STP/ITC/EW-01	60 Max	50.51
e.	Ozone(O ₃), μg/m ³	IS:5182(P-9)	180 Max	BLQ (LOQ:14)
f.	Lead(As Pb), μg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	1.3
h.	Ammonia(NH ₃), μg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)


Saurabh Sharma
20-08-2021
Reviewer


20-08-2021
Prem Kumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2108130401 Sample Reg. Date :13-08-2021 Report Date :20-08-2021 Report No. :ICE-2108200609 NABL ULR No. :TC592621000008853F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
20-08-2021
Reviewer


20-08-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis,it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2108130402 Sample Reg. Date :13-08-2021 Report Date :20-08-2021 Report No. :ICE-2108200612 NABL ULR No. :TC592621000008854F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information : Location of Sampling Point Date of Monitoring Time of Monitoring Purpose of Monitoring Duration of Monitoring, minutes Avg. Flow Rate of Sampling, m ³ /min Volume of air sampled, m ³ Avg. Ambient Temperature, °C	: Near Shakti Vihar : 02-08-2021 : 12:00 hrs : For Self Monitoring : 1440 : 1.33 : 1822.00 : 32

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Atmospheric Pollution				
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	5.95
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	13.33
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	81.56
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	35.77
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ (LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	BLQ (LOQ:1.0)
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)

Saurabh Sharma
20-08-2021
Reviewer

20-08-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2108130402 Sample Reg. Date :13-08-2021 Report Date :20-08-2021 Report No. :ICE-2108200612 NABL ULR No. :TC592621000008854F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

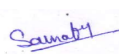
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
20-08-2021
Reviewer


20-08-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis,it will be stored as per required storage condition.
- The results relate to the item tested.

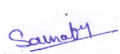
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2108130403 Sample Reg. Date :13-08-2021 Report Date :20-08-2021 Report No. :ICE-2108200613 NABL ULR No. :TC592621000008855F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information : Location of Sampling Point Date of Monitoring Time of Monitoring Purpose of Monitoring Duration of Monitoring, minutes Avg. Flow Rate of Sampling, m ³ /min Volume of air sampled, m ³ Avg. Ambient Temperature, °C	: Near Guest House : 05-08-2021 : 10:36 hrs : For Self Monitoring : 1440 : 1.33 : 1822.00 : 32

Description				
Description	Ambient Air Quality Monitoring			
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Atmospheric Pollution				
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	11.41
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	14.60
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	81.34
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	37.88
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ (LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	BLQ (LOQ:1.0)
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)


Saurabh Sharma
20-08-2021
Reviewer


20-08-2021
Prem Kumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2108130403 Sample Reg. Date :13-08-2021 Report Date :20-08-2021 Report No. :ICE-2108200613 NABL ULR No. :TC592621000008855F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
20-08-2021
Reviewer


20-08-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis,it will be stored as per required storage condition.
- The results relate to the item tested.

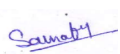
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2108130404 Sample Reg. Date :13-08-2021 Report Date :20-08-2021 Report No. :ICE-2108200614 NABL ULR No. :TC592621000008856F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information : Location of Sampling Point Date of Monitoring Time of Monitoring Purpose of Monitoring Duration of Monitoring, minutes Avg. Flow Rate of Sampling, m ³ /min Volume of air sampled, m ³ Avg. Ambient Temperature, °C	: Near Gate No.3 : 05-08-2021 : 10:40 hrs : For Self Monitoring : 1440 : 1.33 : 1822.00 : 32

Description				
Description	Ambient Air Quality Monitoring			
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Atmospheric Pollution				
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	16.38
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	20.95
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	91.60
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	51.35
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ (LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	1.1
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)


Saurabh Sharma
20-08-2021
Reviewer


20-08-2021
Prem Kumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2108130404 Sample Reg. Date :13-08-2021 Report Date :20-08-2021 Report No. :ICE-2108200614 NABL ULR No. :TC592621000008856F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

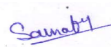
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
20-08-2021
Reviewer


20-08-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis,it will be stored as per required storage condition.
- The results relate to the item tested.

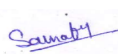
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2108130405 Sample Reg. Date :13-08-2021 Report Date :20-08-2021 Report No. :ICE-2108200615 NABL ULR No. :TC592621000008857F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information : Location of Sampling Point Date of Monitoring Time of Monitoring Purpose of Monitoring Duration of Monitoring, minutes Avg. Flow Rate of Sampling, m ³ /min Volume of air sampled, m ³ Avg. Ambient Temperature, °C	: Village-Khanpur : 05-08-2021 : 10:30 hrs : For Self Monitoring : 1440 : 1.33 : 1822.00 : 32

Description				
Description	Ambient Air Quality Monitoring			
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Atmospheric Pollution				
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	19.35
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	26.67
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	98.52
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	54.71
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ (LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	1.2
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)


Saurabh Sharma
20-08-2021
Reviewer


20-08-2021
Prem Kumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2108130405 Sample Reg. Date :13-08-2021 Report Date :20-08-2021 Report No. :ICE-2108200615 NABL ULR No. :TC592621000008857F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
20-08-2021
Reviewer


20-08-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis,it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2108130406 Sample Reg. Date :13-08-2021 Report Date :20-08-2021 Report No. :ICE-2108200608 NABL ULR No. :TC592621000008858F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information : Location of Sampling Point Date of Monitoring Time of Monitoring Purpose of Monitoring Duration of Monitoring, minutes Avg. Flow Rate of Sampling, m ³ /min Volume of air sampled, m ³ Avg. Ambient Temperature, °C	: Near Shakti Vihar : 05-08-2021 : 11:00 hrs : For Self Monitoring : 1440 : 1.33 : 1822.00 : 32

Description				
Description	Ambient Air Quality Monitoring			
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Atmospheric Pollution				
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	9.92
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	15.87
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	83.04
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	38.72
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ (LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	BLQ (LOQ:1.0)
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)

Saurabh Sharma
Saurabh Sharma
20-08-2021
Reviewer

Prem Kumar
20-08-2021
Prem Kumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2108130406 Sample Reg. Date :13-08-2021 Report Date :20-08-2021 Report No. :ICE-2108200608 NABL ULR No. :TC592621000008858F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
20-08-2021
Reviewer


20-08-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis,it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 1 of 2

Issued To	Sample Reg. No. :E01-2108170557
Jhajjar Power Limited	Sample Reg. Date :17-08-2021
Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar	Report Date :24-08-2021
Jhajjar	Report No. :ICE-2108240704
	NABL ULR No. :TC592621000009041F
	Customer Ref. No. :Order No.5030010814
	Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Guest House
Date of Monitoring	: 09-08-2021
Time of Monitoring	: 11:40 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.32
Volume of air sampled, m ³	: 1796.52
Avg. Ambient Temperature, °C	: 34

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	12.49
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	16.62
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	88.50
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	42.09
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ (LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	BLQ (LOQ:1.0)
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)

Saurabh Sharma
24-08-2021
Reviewer

24-08-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2108170557 Sample Reg. Date :17-08-2021 Report Date :24-08-2021 Report No. :ICE-2108240704 NABL ULR No. :TC592621000009041F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
24-08-2021
Reviewer


24-08-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis,it will be stored as per required storage condition.
- The results relate to the item tested.

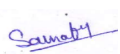
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2108170558 Sample Reg. Date :17-08-2021 Report Date :24-08-2021 Report No. :ICE-2108240705 NABL ULR No. :TC592621000009042F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information : Location of Sampling Point Date of Monitoring Time of Monitoring Purpose of Monitoring Duration of Monitoring, minutes Avg. Flow Rate of Sampling, m ³ /min Volume of air sampled, m ³ Avg. Ambient Temperature, °C	: Near Gate No.3 : 09-08-2021 : 11:20 hrs : For Self Monitoring : 1440 : 1.33 : 1810.13 : 34

Description				
Description	Ambient Air Quality Monitoring			
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Atmospheric Pollution				
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	20.48
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	28.12
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	98.45
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	57.24
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ (LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	1.1
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ (LOQ:50)


Saurabh Sharma
24-08-2021
Reviewer


24-08-2021
Prem Kumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2108170558 Sample Reg. Date :17-08-2021 Report Date :24-08-2021 Report No. :ICE-2108240705 NABL ULR No. :TC592621000009042F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

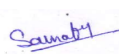
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
24-08-2021
Reviewer


24-08-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis,it will be stored as per required storage condition.
- The results relate to the item tested.

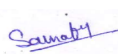
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2108170559 Sample Reg. Date :17-08-2021 Report Date :24-08-2021 Report No. :ICE-2108240706 NABL ULR No. :TC592621000009043F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information : Location of Sampling Point Date of Monitoring Time of Monitoring Purpose of Monitoring Duration of Monitoring, minutes Avg. Flow Rate of Sampling, m ³ /min Volume of air sampled, m ³ Avg. Ambient Temperature, °C	: Village- Khanpur : 09-08-2021 : 11:00 hrs : For Self Monitoring : 1440 : 1.33 : 1816.05 : 33

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Atmospheric Pollution				
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	7.47
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	15.93
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	79.51
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	34.09
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ (LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	1.2
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)


Saurabh Sharma
24-08-2021
Reviewer


24-08-2021
Prem Kumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2108170559 Sample Reg. Date :17-08-2021 Report Date :24-08-2021 Report No. :ICE-2108240706 NABL ULR No. :TC592621000009043F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

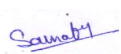
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
24-08-2021
Reviewer


24-08-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis,it will be stored as per required storage condition.
- The results relate to the item tested.

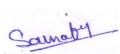
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2108170560 Sample Reg. Date :17-08-2021 Report Date :24-08-2021 Report No. :ICE-2108240703 NABL ULR No. :TC592621000009044F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information : Location of Sampling Point Date of Monitoring Time of Monitoring Purpose of Monitoring Duration of Monitoring, minutes Avg. Flow Rate of Sampling, m ³ /min Volume of air sampled, m ³ Avg. Ambient Temperature, °C	: Near Shakti Vihar : 09-08-2021 : 12:00 hrs : For Self Monitoring : 1440 : 1.33 : 1816.05 : 33

Description				
Description	Ambient Air Quality Monitoring			
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Atmospheric Pollution				
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	7.47
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	15.93
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	79.51
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	34.09
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ (LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	BLQ (LOQ:1.0)
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)


Saurabh Sharma
24-08-2021
Reviewer


24-08-2021
Prem Kumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2108170560 Sample Reg. Date :17-08-2021 Report Date :24-08-2021 Report No. :ICE-2108240703 NABL ULR No. :TC592621000009044F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
24-08-2021
Reviewer


24-08-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis,it will be stored as per required storage condition.
- The results relate to the item tested.

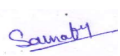
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2108170561 Sample Reg. Date :17-08-2021 Report Date :24-08-2021 Report No. :ICE-2108240707 NABL ULR No. :TC592621000009045F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information : Location of Sampling Point Date of Monitoring Time of Monitoring Purpose of Monitoring Duration of Monitoring, minutes Avg. Flow Rate of Sampling, m ³ /min Volume of air sampled, m ³ Avg. Ambient Temperature, °C	: Near Guest House : 12-08-2021 : 10:50 hrs : For Self Monitoring : 1440 : 1.32 : 1796.52 : 34

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Atmospheric Pollution				
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	10.49
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	15.34
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	83.88
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	40.82
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ (LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	BLQ (LOQ:1.0)
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)


Saurabh Sharma
24-08-2021
Reviewer


24-08-2021
Prem Kumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2108170561 Sample Reg. Date :17-08-2021 Report Date :24-08-2021 Report No. :ICE-2108240707 NABL ULR No. :TC592621000009045F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
24-08-2021
Reviewer


24-08-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis,it will be stored as per required storage condition.
- The results relate to the item tested.

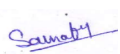
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2108170562 Sample Reg. Date :17-08-2021 Report Date :24-08-2021 Report No. :ICE-2108240708 NABL ULR No. :TC592621000009046F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information : Location of Sampling Point Date of Monitoring Time of Monitoring Purpose of Monitoring Duration of Monitoring, minutes Avg. Flow Rate of Sampling, m ³ /min Volume of air sampled, m ³ Avg. Ambient Temperature, °C	: Near Gate No.3 : 12-08-2021 : 10:30 hrs : For Self Monitoring : 1440 : 1.33 : 1816.05 : 33

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO2),µg/m3	IS:5182(P-2)	80 Max	16.93
b.	Nitrogen Dioxide(NO2),µg/m3	IS:5182(P-6)	80 Max	24.21
c.	Particulate Matter (PM ₁₀),µg/m3	IS:5182(P-23)	100 Max	96.47
d.	Particulate matter (PM _{2.5}),µg/m3	STP/ITC/EW-01	60 Max	55.56
e.	Ozone(O ₃),µg/m3	IS:5182(P-9)	180 Max	BLQ (LOQ:14)
f.	Lead(As Pb),µg/m3	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m3	IS:5182(P-10)	4 Max	1.2
h.	Ammonia(NH3),µg/m3	Method of Air Sampling &Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)


Saurabh Sharma
24-08-2021
Reviewer


24-08-2021
Prem Kumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2108170562 Sample Reg. Date :17-08-2021 Report Date :24-08-2021 Report No. :ICE-2108240708 NABL ULR No. :TC592621000009046F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

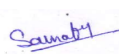
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
24-08-2021
Reviewer


24-08-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis,it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2108170563 Sample Reg. Date :17-08-2021 Report Date :24-08-2021 Report No. :ICE-2108240709 NABL ULR No. :TC592621000009047F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information : Location of Sampling Point Date of Monitoring Time of Monitoring Purpose of Monitoring Duration of Monitoring, minutes Avg. Flow Rate of Sampling, m ³ /min Volume of air sampled, m ³ Avg. Ambient Temperature, °C	: Village- Khanpur : 12-08-2021 : 10:10 hrs : For Self Monitoring : 1440 : 1.33 : 1810.13 : 34

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Atmospheric Pollution				
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	13.49
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	20.45
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	92.87
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	57.66
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ (LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	1.3
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)

Saurabh Sharma
24-08-2021
Reviewer

24-08-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2108170563 Sample Reg. Date :17-08-2021 Report Date :24-08-2021 Report No. :ICE-2108240709 NABL ULR No. :TC592621000009047F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

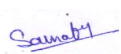
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
24-08-2021
Reviewer


24-08-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis,it will be stored as per required storage condition.
- The results relate to the item tested.

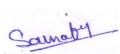
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2108170564 Sample Reg. Date :17-08-2021 Report Date :24-08-2021 Report No. :ICE-2108240710 NABL ULR No. :TC592621000009048F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information : Location of Sampling Point Date of Monitoring Time of Monitoring Purpose of Monitoring Duration of Monitoring, minutes Avg. Flow Rate of Sampling, m ³ /min Volume of air sampled, m ³ Avg. Ambient Temperature, °C	: Near Shakti Vihar : 12-08-2021 : 11:10 hrs : For Self Monitoring : 1440 : 1.33 : 1810.13 : 34

Description				
Description	Ambient Air Quality Monitoring			
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Atmospheric Pollution				
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	11.99
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	17.26
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	84.58
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	37.46
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ (LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	BLQ (LOQ:1.0)
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)


Saurabh Sharma
24-08-2021
Reviewer


24-08-2021
Prem Kumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2108170564 Sample Reg. Date :17-08-2021 Report Date :24-08-2021 Report No. :ICE-2108240710 NABL ULR No. :TC592621000009048F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
24-08-2021
Reviewer


24-08-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis,it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 1 of 2

Issued To	Sample Reg. No. :E01-2108250868 Sample Reg. Date :25-08-2021 Report Date :01-09-2021 Report No. :ICE-2109010036 NABL ULR No. :TC592621000009564F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020
Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Guest House
Date of Monitoring	: 16-08-2021
Time of Monitoring	: 10:40 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.32
Volume of air sampled, m ³	: 1808.30
Avg. Ambient Temperature, °C	: 32

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	8.44
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	11.43
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	82.34
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	36.20
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ (LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	BLQ (LOQ:1.0)
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)

Saurabh Sharma
Saurabh Sharma
01-09-2021
Reviewer

Prem Kumar
01-09-2021
Prem Kumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2108250868 Sample Reg. Date :25-08-2021 Report Date :01-09-2021 Report No. :ICE-2109010036 NABL ULR No. :TC592621000009564F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
01-09-2021
Reviewer


01-09-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis,it will be stored as per required storage condition.
- The results relate to the item tested.

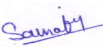
Test Report

Document QF : 2501
Page 1 of 2

Issued To	Sample Reg. No. :E01-2108250869
Jhajjar Power Limited	Sample Reg. Date :25-08-2021
Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar	Report Date :01-09-2021
Jhajjar	Report No. :ICE-2109010042
	NABL ULR No. :TC592621000009567F
	Customer Ref. No. :Order No.5030010814
	Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Gate No.3
Date of Monitoring	: 16-08-2021
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	: 1796.52
Avg. Ambient Temperature, °C	: 34

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	13.99
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	18.53
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	92.23
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	51.35
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ (LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	1.2
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)


Saurabh Sharma
01-09-2021
Reviewer


01-09-2021
Prem Kumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2108250869 Sample Reg. Date :25-08-2021 Report Date :01-09-2021 Report No. :ICE-2109010042 NABL ULR No. :TC592621000009567F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

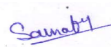
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
01-09-2021
Reviewer


01-09-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis,it will be stored as per required storage condition.
- The results relate to the item tested.

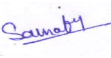
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2108250870
	Sample Reg. Date :25-08-2021
	Report Date :01-09-2021
	Report No. :ICE-2109010035
	NABL ULR No. :TC592621000009561F
	Customer Ref. No. :Order No.5030010814
	Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Village-Khanpur
Date of Monitoring	: 16-08-2021
Time of Monitoring	: 10:10 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.33
Volume of air sampled, m ³	: 1810.13
Avg. Ambient Temperature, °C	: 34

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	18.48
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	23.01
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	94.69
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	52.19
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ (LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	1.3
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)


Saurabh Sharma
01-09-2021
Reviewer


01-09-2021
Prem Kumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2108250870 Sample Reg. Date :25-08-2021 Report Date :01-09-2021 Report No. :ICE-2109010035 NABL ULR No. :TC592621000009561F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

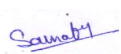
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
01-09-2021
Reviewer


01-09-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis,it will be stored as per required storage condition.
- The results relate to the item tested.

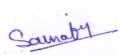
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2108250871 Sample Reg. Date :25-08-2021 Report Date :01-09-2021 Report No. :ICE-2109010039 NABL ULR No. :TC592621000009568F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information : Location of Sampling Point Date of Monitoring Time of Monitoring Purpose of Monitoring Duration of Monitoring, minutes Avg. Flow Rate of Sampling, m ³ /min Volume of air sampled, m ³ Avg. Ambient Temperature, °C	: Near Shakti Vihar : 16-08-2021 : 11:00 hrs : For Self Monitoring : 1440 : 1.33 : 1816.05 : 33

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Atmospheric Pollution				
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	6.97
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	12.10
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	82.87
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	36.20
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ (LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	BLQ (LOQ:1.0)
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)


Saurabh Sharma
01-09-2021
Reviewer


01-09-2021
Prem Kumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2108250871 Sample Reg. Date :25-08-2021 Report Date :01-09-2021 Report No. :ICE-2109010039 NABL ULR No. :TC592621000009568F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
01-09-2021
Reviewer


01-09-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis,it will be stored as per required storage condition.
- The results relate to the item tested.

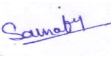
Test Report

Document QF : 2501
Page 1 of 2

Issued To	Sample Reg. No. :E01-2108250872
Jhajjar Power Limited	Sample Reg. Date :25-08-2021
Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar	Report Date :01-09-2021
Jhajjar	Report No. :ICE-2109010037
	NABL ULR No. :TC592621000009563F
	Customer Ref. No. :Order No.5030010814
	Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Guest House
Date of Monitoring	: 19-08-2021
Time of Monitoring	: 10:55 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.33
Volume of air sampled, m ³	: 1810.13
Avg. Ambient Temperature, °C	: 34

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	5.49
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	9.59
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	78.78
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	32.83
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ (LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	BLQ (LOQ:1.0)
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)


Saurabh Sharma
01-09-2021
Reviewer


01-09-2021
Prem Kumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2108250872 Sample Reg. Date :25-08-2021 Report Date :01-09-2021 Report No. :ICE-2109010037 NABL ULR No. :TC592621000009563F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
01-09-2021
Reviewer


01-09-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis,it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 1 of 2

Issued To	Sample Reg. No. :E01-2108250873 Sample Reg. Date :25-08-2021 Report Date :01-09-2021 Report No. :ICE-2109010043 NABL ULR No. :TC592621000009562F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020
Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Gate No.3
Date of Monitoring	: 19-08-2021
Time of Monitoring	: 10:40 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.33
Volume of air sampled, m ³	: 1822.00
Avg. Ambient Temperature, °C	: 32

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	14.89
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	20.32
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	96.87
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	54.29
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ (LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	1.1
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)

Saurabh
Saurabh Sharma
01-09-2021
Reviewer

PremKumar
01-09-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2108250873 Sample Reg. Date :25-08-2021 Report Date :01-09-2021 Report No. :ICE-2109010043 NABL ULR No. :TC592621000009562F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

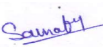
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
01-09-2021
Reviewer


01-09-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis,it will be stored as per required storage condition.
- The results relate to the item tested.

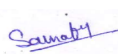
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2108250874 Sample Reg. Date :25-08-2021 Report Date :01-09-2021 Report No. :ICE-2109010046 NABL ULR No. :TC592621000009556F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information : Location of Sampling Point Date of Monitoring Time of Monitoring Purpose of Monitoring Duration of Monitoring, minutes Avg. Flow Rate of Sampling, m ³ /min Volume of air sampled, m ³ Avg. Ambient Temperature, °C	: Village-Khanpur : 19-08-2021 : 10:20 hrs : For Self Monitoring : 1440 : 1.33 : 1804.25 : 35

Description				
Description	Ambient Air Quality Monitoring			
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Atmospheric Pollution				
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	14.03
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	18.59
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	92.56
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	50.08
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ (LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	1.2
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)


Saurabh Sharma
01-09-2021
Reviewer


01-09-2021
Prem Kumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2108250874 Sample Reg. Date :25-08-2021 Report Date :01-09-2021 Report No. :ICE-2109010046 NABL ULR No. :TC592621000009556F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
01-09-2021
Reviewer


01-09-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis,it will be stored as per required storage condition.
- The results relate to the item tested.

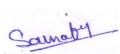
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2108250875 Sample Reg. Date :25-08-2021 Report Date :01-09-2021 Report No. :ICE-2109010040 NABL ULR No. :TC592621000009569F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information : Location of Sampling Point Date of Monitoring Time of Monitoring Purpose of Monitoring Duration of Monitoring, minutes Avg. Flow Rate of Sampling, m ³ /min Volume of air sampled, m ³ Avg. Ambient Temperature, °C	: Near Shakti Vihar : 19-08-2021 : 11:20 hrs : For Self Monitoring : 1440 : 1.32 : 1796.52 : 34

Description				
Description	Ambient Air Quality Monitoring			
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Atmospheric Pollution				
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	9.49
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	15.34
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	80.38
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	33.25
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ (LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	BLQ (LOQ:1.0)
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)


Saurabh Sharma
01-09-2021
Reviewer


01-09-2021
Prem Kumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2108250875 Sample Reg. Date :25-08-2021 Report Date :01-09-2021 Report No. :ICE-2109010040 NABL ULR No. :TC592621000009569F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
01-09-2021
Reviewer


01-09-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis,it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 1 of 2

Issued To	Sample Reg. No. :E01-2108250876 Sample Reg. Date :25-08-2021 Report Date :01-09-2021 Report No. :ICE-2109010038 NABL ULR No. :TC592621000009557F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020
Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Guest House
Date of Monitoring	: 23-08-2021
Time of Monitoring	: 10:35 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.33
Volume of air sampled, m ³	: 1816.05
Avg. Ambient Temperature, °C	: 33

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	7.97
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	10.19
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	80.23
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	37.04
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ (LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	BLQ (LOQ:1.0)
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)

Saurabh Sharma
01-09-2021
Reviewer

01-09-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2108250876 Sample Reg. Date :25-08-2021 Report Date :01-09-2021 Report No. :ICE-2109010038 NABL ULR No. :TC592621000009557F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
01-09-2021
Reviewer


01-09-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis,it will be stored as per required storage condition.
- The results relate to the item tested.

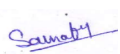
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2108250877 Sample Reg. Date :25-08-2021 Report Date :01-09-2021 Report No. :ICE-2109010044 NABL ULR No. :TC592621000009576F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information : Location of Sampling Point Date of Monitoring Time of Monitoring Purpose of Monitoring Duration of Monitoring, minutes Avg. Flow Rate of Sampling, m ³ /min Volume of air sampled, m ³ Avg. Ambient Temperature, °C	: Near Gate No.3 : 23-08-2021 : 10:40 hrs : For Self Monitoring : 1440 : 1.32 : 1802.39 : 33

Description				
Description	Ambient Air Quality Monitoring			
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Atmospheric Pollution				
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	18.42
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	22.93
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	98.87
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	56.40
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ (LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	1.3
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)


Saurabh Sharma
01-09-2021
Reviewer


01-09-2021
Prem Kumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2108250877 Sample Reg. Date :25-08-2021 Report Date :01-09-2021 Report No. :ICE-2109010044 NABL ULR No. :TC592621000009576F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

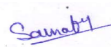
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
01-09-2021
Reviewer


01-09-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis,it will be stored as per required storage condition.
- The results relate to the item tested.

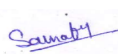
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2108250878 Sample Reg. Date :25-08-2021 Report Date :01-09-2021 Report No. :ICE-2109010045 NABL ULR No. :TC592621000009559F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information : Location of Sampling Point Date of Monitoring Time of Monitoring Purpose of Monitoring Duration of Monitoring, minutes Avg. Flow Rate of Sampling, m ³ /min Volume of air sampled, m ³ Avg. Ambient Temperature, °C	: Village-Khanpur : 23-08-2021 : 10:30 hrs : For Self Monitoring : 1440 : 1.33 : 1810.13 : 34

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Pollution & Environment				
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	16.48
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	21.73
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	98.11
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	55.56
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ (LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	1.2
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)


Saurabh Sharma
01-09-2021
Reviewer


01-09-2021
Prem Kumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2108250878 Sample Reg. Date :25-08-2021 Report Date :01-09-2021 Report No. :ICE-2109010045 NABL ULR No. :TC592621000009559F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

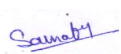
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
01-09-2021
Reviewer


01-09-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis,it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 1 of 2

Issued To	Sample Reg. No. :E01-2108250879
Jhajjar Power Limited	Sample Reg. Date :25-08-2021
Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar	Report Date :01-09-2021
Jhajjar	Report No. :ICE-2109010041
	NABL ULR No. :TC592621000009575F
	Customer Ref. No. :Order No.5030010814
	Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Shakti Vihar
Date of Monitoring	: 23-08-2021
Time of Monitoring	: 11:20 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.33
Volume of air sampled, m ³	: 1816.05
Avg. Ambient Temperature, °C	: 33

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	4.98
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	9.56
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	77.59
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	31.57
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ (LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	BLQ (LOQ:1.0)
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)

Saurabh Sharma
01-09-2021
Reviewer

01-09-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2108250879 Sample Reg. Date :25-08-2021 Report Date :01-09-2021 Report No. :ICE-2109010041 NABL ULR No. :TC592621000009575F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
01-09-2021
Reviewer


01-09-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis,it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2108301031
	Sample Reg. Date :30-08-2021
	Report Date :06-09-2021
	Report No. :ICE-2109060133
	NABL ULR No. :TC592621000009742F
	Customer Ref. No. :Order No.5030010814
	Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Guest House
Date of Monitoring	: 26-08-2021
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	: 1816.05
Avg. Ambient Temperature, °C	: 33

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	6.97
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	10.19
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	82.05
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	40.40
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ (LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	BLQ (LOQ:1.0)
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)

Saurabh Sharma
06-09-2021
Reviewer

06-09-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2108301031 Sample Reg. Date :30-08-2021 Report Date :06-09-2021 Report No. :ICE-2109060133 NABL ULR No. :TC592621000009742F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
06-09-2021
Reviewer


06-09-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis,it will be stored as per required storage condition.
- The results relate to the item tested.

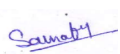
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2108301032 Sample Reg. Date :30-08-2021 Report Date :06-09-2021 Report No. :ICE-2109060134 NABL ULR No. :TC592621000009744F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information : Location of Sampling Point Date of Monitoring Time of Monitoring Purpose of Monitoring Duration of Monitoring, minutes Avg. Flow Rate of Sampling, m ³ /min Volume of air sampled, m ³ Avg. Ambient Temperature, °C	: Near Gate No.3 : 26-08-2021 : 10:00 hrs : For Self Monitoring : 1440 : 1.32 : 1802.39 : 33

Description				
Description	Ambient Air Quality Monitoring			
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Atmospheric Pollution				
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	13.44
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	19.11
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	93.65
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	48.40
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ (LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	1.2
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)


Saurabh Sharma
06-09-2021
Reviewer


06-09-2021
Prem Kumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2108301032 Sample Reg. Date :30-08-2021 Report Date :06-09-2021 Report No. :ICE-2109060134 NABL ULR No. :TC592621000009744F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

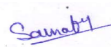
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
06-09-2021
Reviewer


06-09-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis,it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

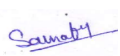
Document QF : 2501

Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2108301033 Sample Reg. Date :30-08-2021 Report Date :06-09-2021 Report No. :ICE-2109060135 NABL ULR No. :TC592621000009745F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information : Location of Sampling Point Date of Monitoring Time of Monitoring Purpose of Monitoring Duration of Monitoring, minutes Avg. Flow Rate of Sampling, m ³ /min Volume of air sampled, m ³ Avg. Ambient Temperature, °C	: Village-Khanpur : 26-08-2021 : 09:30 hrs : For Self Monitoring : 1440 : 1.33 : 1816.05 : 33

Description				
Description	Ambient Air Quality Monitoring			
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Atmospheric Pollution				
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	16.43
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	21.66
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	91.79
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	46.30
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ (LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	1.3
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)


Saurabh Sharma
06-09-2021
Reviewer


06-09-2021
Prem Kumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2108301033 Sample Reg. Date :30-08-2021 Report Date :06-09-2021 Report No. :ICE-2109060135 NABL ULR No. :TC592621000009745F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
06-09-2021
Reviewer


06-09-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis,it will be stored as per required storage condition.
- The results relate to the item tested.

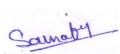
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2108301034 Sample Reg. Date :30-08-2021 Report Date :06-09-2021 Report No. :ICE-2109060136 NABL ULR No. :TC592621000009740F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information : Location of Sampling Point Date of Monitoring Time of Monitoring Purpose of Monitoring Duration of Monitoring, minutes Avg. Flow Rate of Sampling, m ³ /min Volume of air sampled, m ³ Avg. Ambient Temperature, °C	: Near Shakti Vihar : 26-08-2021 : 11:00 hrs : For Self Monitoring : 1440 : 1.33 : 1816.05 : 33

Description				
Description	Ambient Air Quality Monitoring			
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Atmospheric Pollution				
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), μg/m ³	IS:5182(P-2)	80 Max	5.48
b.	Nitrogen Dioxide(NO ₂), μg/m ³	IS:5182(P-6)	80 Max	8.92
c.	Particulate Matter (PM ₁₀), μg/m ³	IS:5182(P-23)	100 Max	78.63
d.	Particulate matter (PM _{2.5}), μg/m ³	STP/ITC/EW-01	60 Max	37.04
e.	Ozone(O ₃), μg/m ³	IS:5182(P-9)	180 Max	BLQ (LOQ:14)
f.	Lead(As Pb), μg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ (LOQ: 0.10)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	BLQ (LOQ:1.0)
h.	Ammonia(NH ₃), μg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)


Saurabh Sharma
06-09-2021
Reviewer


06-09-2021
Prem Kumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2108301034 Sample Reg. Date :30-08-2021 Report Date :06-09-2021 Report No. :ICE-2109060136 NABL ULR No. :TC592621000009740F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ (LOQ: 1.0)
l.	Nickel(As Ni),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ (LOQ: 1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
06-09-2021
Reviewer


06-09-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis,it will be stored as per required storage condition.
- The results relate to the item tested.

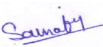
Test Report

Document QF : 2501
Page 1 of 2

Issued To	Sample Reg. No. :E01-2109010011
Jhajjar Power Limited	Sample Reg. Date :01-09-2021
Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar	Report Date :14-09-2021
Jhajjar	Report No. :ICE-2109140262
	NABL ULR No. :TC592621000009997F
	Customer Ref. No. :Order No.5030010814
	Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Guest House
Date of Monitoring	: 30-08-2021
Time of Monitoring	: 11:10 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.32
Volume of air sampled, m ³	: 1808.30
Avg. Ambient Temperature, °C	: 32

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	8.44
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	10.79
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	82.40
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	35.35
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ (LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	BLQ (LOQ:1.0)
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)


Saurabh Sharma
14-09-2021
Reviewer


14-09-2021
Prem Kumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2109010011 Sample Reg. Date :01-09-2021 Report Date :14-09-2021 Report No. :ICE-2109140262 NABL ULR No. :TC592621000009997F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
14-09-2021
Reviewer


14-09-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis,it will be stored as per required storage condition.
- The results relate to the item tested.

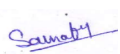
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2109010012 Sample Reg. Date :01-09-2021 Report Date :14-09-2021 Report No. :ICE-2109140263 NABL ULR No. :TC592621000009998F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information : Location of Sampling Point Date of Monitoring Time of Monitoring Purpose of Monitoring Duration of Monitoring, minutes Avg. Flow Rate of Sampling, m ³ /min Volume of air sampled, m ³ Avg. Ambient Temperature, °C	: Near Gate No. 3 : 30-08-2021 : 10:50 hrs : For Self Monitoring : 1440 : 1.33 : 1822.00 : 32

Description				
Description	Ambient Air Quality Monitoring			
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Atmospheric Pollution				
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	18.36
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	24.76
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	95.88
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	55.98
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ (LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	1.2
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)


Saurabh Sharma
14-09-2021
Reviewer


14-09-2021
Prem Kumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2109010012 Sample Reg. Date :01-09-2021 Report Date :14-09-2021 Report No. :ICE-2109140263 NABL ULR No. :TC592621000009998F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

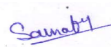
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
14-09-2021
Reviewer


14-09-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis,it will be stored as per required storage condition.
- The results relate to the item tested.

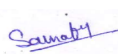
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2109010013 Sample Reg. Date :01-09-2021 Report Date :14-09-2021 Report No. :ICE-2109140264 NABL ULR No. :TC592621000009999F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information : Location of Sampling Point Date of Monitoring Time of Monitoring Purpose of Monitoring Duration of Monitoring, minutes Avg. Flow Rate of Sampling, m ³ /min Volume of air sampled, m ³ Avg. Ambient Temperature, °C	: Village - Khanpur : 30-08-2021 : 10:30 hrs : For Self Monitoring : 1440 : 1.33 : 1816.05 : 33

Description				
Description	Ambient Air Quality Monitoring			
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Atmospheric Pollution				
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	15.43
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	21.02
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	91.79
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	50.51
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ (LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	1.3
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)


 Saurabh Sharma
 14-09-2021
 Reviewer


 14-09-2021
 Prem Kumar
 [Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2109010013 Sample Reg. Date :01-09-2021 Report Date :14-09-2021 Report No. :ICE-2109140264 NABL ULR No. :TC592621000009999F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
14-09-2021
Reviewer


14-09-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis,it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

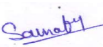
Document QF : 2501

Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2109010014 Sample Reg. Date :01-09-2021 Report Date :14-09-2021 Report No. :ICE-2109140265 NABL ULR No. :TC592621000010000F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information : Location of Sampling Point : Near Shakti Vihar Date of Monitoring : 30-08-2021 Time of Monitoring : 11:30 hrs Purpose of Monitoring : For Self Monitoring Duration of Monitoring, minutes : 1440 Avg. Flow Rate of Sampling, m ³ /min : 1.33 Volume of air sampled, m ³ : 1816.05 Avg. Ambient Temperature, °C : 33	

Description				
Description	Ambient Air Quality Monitoring			
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Atmospheric Pollution				
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), μg/m ³	IS:5182(P-2)	80 Max	6.47
b.	Nitrogen Dioxide(NO ₂), μg/m ³	IS:5182(P-6)	80 Max	9.56
c.	Particulate Matter (PM ₁₀), μg/m ³	IS:5182(P-23)	100 Max	85.68
d.	Particulate matter (PM _{2.5}), μg/m ³	STP/ITC/EW-01	60 Max	39.14
e.	Ozone(O ₃), μg/m ³	IS:5182(P-9)	180 Max	BLQ (LOQ:14)
f.	Lead(As Pb), μg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	BLQ (LOQ:1.0)
h.	Ammonia(NH ₃), μg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)


Saurabh Sharma
14-09-2021
Reviewer


14-09-2021
Prem Kumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2109010014 Sample Reg. Date :01-09-2021 Report Date :14-09-2021 Report No. :ICE-2109140265 NABL ULR No. :TC592621000010000F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

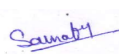
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
14-09-2021
Reviewer


14-09-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis,it will be stored as per required storage condition.
- The results relate to the item tested.

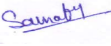
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2108070162 Sample Reg. Date :07-08-2021 Report Date :14-08-2021 Report No. :ICE-2108140395 NABL ULR No. :TC592621000008641F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: EPA Act 1986/PCLS/2010
General Information : Date of Monitoring Time of Monitoring Name of the emission source monitored (a) Rated Capacity (b) Capacity on sampling day (c) Type of fuel used & its consumption (d) Normal operating schedule 2. Stack Identification 3.Type of Stack/Duct 4.Stack Height from Ground Level(m) Diameter of the Stack(cm) (6) Sampling Duration(minutes) Purpose of Monitoring (8) Air Pollution control measure (a) Status (b) Recovery of Material (9) Fugitive Emission,if any Observations : Flue Gas Temperature, °C,Avg. Flue Gas Velocity(m/s),Avg. Volumetric Flow Rate(Nm ³ /hr.) Ambient Air Temperature, °C	: 06-08-2021 : 11:40 hrs to 13:11 hrs : Stack Emission of Boiler : 660 MW : 655 MW : Coal & 440 Ton/hr : 24 hrs : Stack attached to Boiler, Unit-I (at 65 meter's height) : Metal : 275 : 700 : 91 : For Self Monitoring : ESP + FF + FGD + Low NOx Burner : Working : - : Nil : 67 : 27.33 : 3181699.45 : 32

S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	General Parameters			


Saurabh Sharma
14-08-2021
Reviewer


14-08-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2108070162 Sample Reg. Date :07-08-2021 Report Date :14-08-2021 Report No. :ICE-2108140395 NABL ULR No. :TC592621000008641F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

a.	Particulate Matter, mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-1)	Max. 50	38.56
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-2)	Max. 200	184.18
c.	Oxides of Nitrogen (NO _x), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-7)	Max. 450	346.96
d.	Mercury(As Hg),mg/Nm ³	USEPA Method	Max. 0.03	BLQ(LOQ:0.01)
e.	Carbon Monoxide(CO),% v/v	IS:13270	Max. 1.0	0.2
f.	Moisture, % by mass	IS: 11255 (P-3)	Not Specified	4.6

'#' 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 06.08.2021, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A

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


Saurabh Sharma
14-08-2021
Reviewer


14-08-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

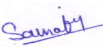
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2108070163 Sample Reg. Date :07-08-2021 Report Date :24-08-2021 Report No. :ICE-2108240774 NABL ULR No. :TC592621000009102F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: EPA Act 1986/PCLS/2010
General Information :	
Date of Monitoring	: 06-08-2021
Time of Monitoring	: 10:00 hrs to 11:31 hrs
Name of the emission source monitored	: Stack Emission of Boiler
(a) Rated Capacity	: 660 MW
(b) Capacity on sampling day	: 635 MW
(c) Type of fuel used & its consumption	: Coal & 365 Ton/hr
(d) Normal operating schedule	: 24 hrs
2. Stack Identification	: Stack attached to Boiler, Unit-II (at 65 meter's height)
3.Type of Stack/Duct	: Metal
4.Stack Height from Ground Level(m)	: 275
Diameter of the Stack(cm)	: 700
(6) Sampling Duration(minutes)	: 91
Purpose of Monitoring	: For Self Monitoring
(8) Air Pollution control measure	: ESP + FF + FGD + Low NOx Burner
(a) Status	: Working
(b) Recovery of Material	: -
(9) Fugitive Emission,if any	: Nil
Observations :	
Flue Gas Temperature, °C,Avg.	: 62
Flue Gas Velocity(m/s),Avg.	: 26.39
Volumetric Flow Rate(Nm ³ /hr.)	: 3122398.67
Ambient Air Temperature, °C	: 31

S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	General Parameters			


Saurabh Sharma
24-08-2021
Reviewer


24-08-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2108070163 Sample Reg. Date :07-08-2021 Report Date :24-08-2021 Report No. :ICE-2108240774 NABL ULR No. :TC592621000009102F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

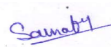
a.	Particulate Matter, mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-1)	Max. 50	33.91
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-2)	Max. 200	184.29
c.	Oxides of Nitrogen (NO _x), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-7)	Max. 450	255.05
d.	Mercury(As Hg),mg/Nm ³	USEPA Method	Max. 0.03	BLQ(LOQ:0.01)
e.	Carbon Monoxide(CO),% v/v	IS:13270	Max. 1.0	0.2
f.	Moisture, % by mass	IS: 11255 (P-3)	Not Specified	4.8

'#' represents Customer Defined Fields

NOTE : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per EPA Act 1986/PCLS/2010, Sample collected by lab rep. on dated 06.08.2021, Sampling Procedure - SOP/ITC/EW/056

REMARKS : N/A

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


Saurabh Sharma
24-08-2021
Reviewer


24-08-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

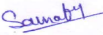
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2108140475 Sample Reg. Date :14-08-2021 Report Date :20-08-2021 Report No. :ICE-2108200596 NABL ULR No. :TC592621000008847F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: EPA Act 1986/PCLS/2010
General Information : Date of Monitoring Time of Monitoring Name of the emission source monitored (a) Rated Capacity (b) Capacity on sampling day (c) Type of fuel used & its consumption (d) Normal operating schedule 2. Stack Identification 3.Type of Stack/Duct 4.Stack Height from Ground Level(m) Diameter of the Stack(cm) (6) Sampling Duration(minutes) Purpose of Monitoring (8) Air Pollution control measure (a) Status (b) Recovery of Material (9) Fugitive Emission,if any Observations : Flue Gas Temperature, °C,Avg. Flue Gas Velocity(m/s),Avg. Volumetric Flow Rate(Nm ³ /hr.) Ambient Air Temperature, °C	: 13-08-2021 : 12:00 hrs to 13:40 hrs : Stack Emission of Boiler : 660 MW : 60 MW : Coal & 430 Ton/hr : 24 hrs : Stack attached to Boiler, Unit-I (at 65 meter's height) : Metal : 275 : 700 : 100 : For Self Monitoring : ESP + FGD + FF + Low NOx Burner : Working : - : Nil : 57 : 23.25 : 2769609.20 : 34

S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	General Parameters			


Saurabh Sharma
20-08-2021
Reviewer


20-08-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2108140475 Sample Reg. Date :14-08-2021 Report Date :20-08-2021 Report No. :ICE-2108200596 NABL ULR No. :TC592621000008847F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

a.	Particulate Matter, mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-1)	Max. 50	36.08
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-2)	Max. 200	154.57
c.	Oxides of Nitrogen (NO _x), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-7)	Max. 450	233.49
d.	Mercury(As Hg),mg/Nm ³	USEPA Method	Max. 0.03	BLQ(LOQ:0.01)
e.	Carbon Monoxide(CO),% v/v	IS:13270	Max. 1.0	0.2
f.	Moisture, % by mass	IS: 11255 (P-3)	Not Specified	5.2

'#' represents Customer Defined Fields

NOTE : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per EPA Act 1986/PCLS/2010, Sample collected by lab rep. on dated 13.08.2021, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A

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


Saurabh Sharma
20-08-2021
Reviewer


20-08-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

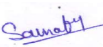
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2108140476 Sample Reg. Date :14-08-2021 Report Date :20-08-2021 Report No. :ICE-2108200597 NABL ULR No. :TC592621000008848F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: EPA Act 1986/PCLS/2010
General Information : Date of Monitoring Time of Monitoring Name of the emission source monitored (a) Rated Capacity (b) Capacity on sampling day (c) Type of fuel used & its consumption (d) Normal operating schedule 2. Stack Identification 3.Type of Stack/Duct 4.Stack Height from Ground Level(m) Diameter of the Stack(cm) (6) Sampling Duration(minutes) Purpose of Monitoring (8) Air Pollution control measure (a) Status (b) Recovery of Material (9) Fugitive Emission,if any Observations : Flue Gas Temperature, °C,Avg. Flue Gas Velocity(m/s),Avg. Volumetric Flow Rate(Nm ³ /hr.) Ambient Air Temperature, °C	: 13-08-2021 : 14:00 hrs to 15:43 hrs : Stack Emission of Boiler : 660 MW : 620 MW : Coal & 395 Ton/hr : 24 hrs : Stack attached to Boiler,Unit-II (at 65 meter's height) : Metal : 275 : 700 : 103 : For Self Monitoring : ESP + FGD + FF + Low NOx Burner : Working : - : Nil : 55 : 22.51 : 2701534.81 : 34

S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	General Parameters			


Saurabh Sharma
20-08-2021
Reviewer


20-08-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2108140476 Sample Reg. Date :14-08-2021 Report Date :20-08-2021 Report No. :ICE-2108200597 NABL ULR No. :TC592621000008848F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

a.	Particulate Matter, mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-1)	Max. 50	32.46
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-2)	Max. 200	140.71
c.	Oxides of Nitrogen (NO _x), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-7)	Max. 450	217.22
d.	Mercury(As Hg),mg/Nm ³	USEPA Method	Max. 0.03	BLQ(LOQ:0.01)
e.	Carbon Monoxide(CO),% v/v	IS:13270	Max. 1.0	0.2
f.	Moisture, % by mass	IS: 11255 (P-3)	Not Specified	4.8

'#' represents Customer Defined Fields

NOTE : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per EPA Act 1986/PCLS/2010, Sample collected by lab rep. on dated 13.08.2021, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A

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


Saurabh Sharma
20-08-2021
Reviewer


20-08-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

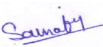
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2108210705 Sample Reg. Date :21-08-2021 Report Date :25-08-2021 Report No. :ICE-2108250777 NABL ULR No. :TC592621000009107F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: EPA Act 1986/PCLS/2010
General Information : Date of Monitoring Time of Monitoring Name of the emission source monitored (a) Rated Capacity (b) Capacity on sampling day (c) Type of fuel used & its consumption (d) Normal operating schedule 2. Stack Identification 3.Type of Stack/Duct 4.Stack Height from Ground Level(m) Diameter of the Stack(cm) (6) Sampling Duration(minutes) Purpose of Monitoring (8) Air Pollution control measure (a) Status (b) Recovery of Material (9) Fugitive Emission,if any Observations : Flue Gas Temperature, °C,Avg. Flue Gas Velocity(m/s),Avg. Volumetric Flow Rate(Nm ³ /hr.) Ambient Air Temperature, °C	: 19-08-2021 : 12:00 hrs to 13:34 hrs : Stack Emission of Boiler : 660 MW : 635 MW : Coal & 413 Ton/hr : 24 hrs : Stack attached to Boiler, Unit-I (at 65 meter's height) : Metal : 275 : 700 : 95 : For Self Monitoring : ESP + FGD + FF + Low NOx Burner : Working : - : Nil : 62 : 24.90 : 2929962.56 : 36

S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	General Parameters			


Saurabh Sharma
25-08-2021
Reviewer


25-08-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2108210705 Sample Reg. Date :21-08-2021 Report Date :25-08-2021 Report No. :ICE-2108250777 NABL ULR No. :TC592621000009107F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

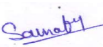
a.	Particulate Matter, mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-1)	Max. 50	27.60
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-2)	Max. 200	190.18
c.	Oxides of Nitrogen (NO _x), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-7)	Max. 450	150.36
d.	Mercury(As Hg),mg/Nm ³	USEPA Method	Max. 0.03	BLQ(LOQ:0.01)
e.	Carbon Monoxide(CO),% v/v	IS:13270	Max. 1.0	0.2
f.	Moisture, % by mass	IS: 11255 (P-3)	Not Specified	4.6

'#' 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 19.08.2021, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A

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


Saurabh Sharma
25-08-2021
Reviewer


25-08-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

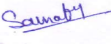
Test Report

Document QF : 2501
Page 1 of 2

Issued To	Sample Reg. No. :E01-2108210706 Sample Reg. Date :21-08-2021 Report Date :25-08-2021 Report No. :ICE-2108250778 NABL ULR No. :TC592621000009108F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020
Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	

Test Report as per :	: EPA Act 1986/PCLS/2010
General Information :	
Date of Monitoring	: 19-08-2021
Time of Monitoring	: 13:15 hrs to 14:50 hrs
Name of the emission source monitored	: Stack Emission of Boiler
(a) Rated Capacity	: 660 MW
(b) Capacity on sampling day	: 605 MW
(c) Type of fuel used & its consumption	: Coal & 390 Ton/hr
(d) Normal operating schedule	: 24 hrs
2. Stack Identification	: Stack attached to Boiler, Unit-II (at 65 meter's height)
3.Type of Stack/Duct	: Metal
4.Stack Height from Ground Level(m)	: 275
Diameter of the Stack(cm)	: 700
(6) Sampling Duration(minutes)	: 95
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 :	
Flue Gas Temperature, °C,Avg.	: 59
Flue Gas Velocity(m/s),Avg.	: 24.71
Volumetric Flow Rate(Nm ³ /hr.)	: 2929837.80
Ambient Air Temperature, °C	: 37

S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	General Parameters			


Saurabh Sharma
25-08-2021
Reviewer


25-08-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2108210706 Sample Reg. Date :21-08-2021 Report Date :25-08-2021 Report No. :ICE-2108250778 NABL ULR No. :TC592621000009108F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

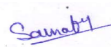
a.	Particulate Matter, mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-1)	Max. 50	33.08
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-2)	Max. 200	170.44
c.	Oxides of Nitrogen (NO _x), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-7)	Max. 450	159.07
d.	Mercury(As Hg),mg/Nm ³	USEPA Method	Max. 0.03	BLQ(LOQ:0.01)
e.	Carbon Monoxide(CO),% v/v	IS:13270	Max. 1.0	0.2
f.	Moisture, % by mass	IS: 11255 (P-3)	Not Specified	5.2

'#' represents Customer Defined Fields

NOTE : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per EPA Act 1986/PCLS/2010, Sample collected by lab rep. on dated 19.08.2021, Sampling Procedure - SOP/ITC/EW/056

REMARKS : N/A

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


Saurabh Sharma
25-08-2021
Reviewer


25-08-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

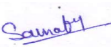
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2108281002 Sample Reg. Date :28-08-2021 Report Date :02-09-2021 Report No. :ICE-2109020079 NABL ULR No. :TC592621000009634F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: EPA Act 1986/PCLS/2010
General Information :	
Date of Monitoring	: 27-08-2021
Time of Monitoring	: 11:40 hrs to 12:57 hrs
Name of the emission source monitored	: Stack Emission of Boiler
(a) Rated Capacity	: 660 MW
(b) Capacity on sampling day	: 660 MW
(c) Type of fuel used & its consumption	: Coal & 449 Ton/hr
(d) Normal operating schedule	: 24 hrs
2. Stack Identification	: Stack attached to Boiler, Unit-I (at 65 meter's height)
3.Type of Stack/Duct	: Metal
4.Stack Height from Ground Level(m)	: 275
Diameter of the Stack(cm)	: 700
(6) Sampling Duration(minutes)	: 77
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 :	
Flue Gas Temperature, °C,Avg.	: 63
Flue Gas Velocity(m/s),Avg.	: 30.73
Volumetric Flow Rate(Nm ³ /hr.)	: 3620109.61
Ambient Air Temperature, °C	: 29

S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	General Parameters			


Saurabh Sharma
02-09-2021
Reviewer


02-09-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2108281002 Sample Reg. Date :28-08-2021 Report Date :02-09-2021 Report No. :ICE-2109020079 NABL ULR No. :TC592621000009634F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

a.	Particulate Matter, mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-1)	Max. 50	37.78
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-2)	Max. 200	164.49
c.	Oxides of Nitrogen (NO _x), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-7)	Max. 450	191.19
d.	Mercury(As Hg),mg/Nm ³	USEPA Method	Max. 0.03	BLQ(LOQ:0.01)
e.	Carbon Monoxide(CO),% v/v	IS:13270	Max. 1.0	0.2
f.	Moisture, % by mass	IS: 11255 (P-3)	Not Specified	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 27.08.2021, Sampling Procedure - SOP/ITC/EW/056

REMARKS : N/A

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


Saurabh Sharma
02-09-2021
Reviewer


02-09-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

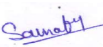
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2108281003 Sample Reg. Date :28-08-2021 Report Date :02-09-2021 Report No. :ICE-2109020078 NABL ULR No. :TC592621000009635F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: EPA Act 1986/PCLS/2010
General Information :	
Date of Monitoring	: 27-08-2021
Time of Monitoring	: 15:50 hrs to 17:13 hrs
Name of the emission source monitored	: Stack Emission of Boiler
(a) Rated Capacity	: 660 MW
(b) Capacity on sampling day	: 610 MW
(c) Type of fuel used & its consumption	: Coal & 372 Ton/hr
(d) Normal operating schedule	: 24 hrs
2. Stack Identification	: Stack attached to Boiler, Unit-II (at 65 meter's height)
3.Type of Stack/Duct	: Metal
4.Stack Height from Ground Level(m)	: 275
Diameter of the Stack(cm)	: 700
(6) Sampling Duration(minutes)	: 83For Self Monitoring
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 :	
Flue Gas Temperature, °C,Avg.	: 60
Flue Gas Velocity(m/s),Avg.	: 28.76
Volumetric Flow Rate(Nm ³ /hr.)	: 3413869.67
Ambient Air Temperature, °C	: 32

S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	General Parameters			


Saurabh Sharma
02-09-2021
Reviewer


02-09-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2108281003 Sample Reg. Date :28-08-2021 Report Date :02-09-2021 Report No. :ICE-2109020078 NABL ULR No. :TC592621000009635F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

a.	Particulate Matter, mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-1)	Max. 50	26.40
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-2)	Max. 200	131.85
c.	Oxides of Nitrogen (NO _x), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-7)	Max. 450	166.93
d.	Mercury(As Hg),mg/Nm ³	USEPA Method	Max. 0.03	BLQ(LOQ:0.01)
e.	Carbon Monoxide(CO),% v/v	IS:13270	Max. 1.0	0.2
f.	Moisture, % by mass	IS: 11255 (P-3)	Not Specified	5.2

'#' represents Customer Defined Fields

NOTE : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per EPA Act 1986/PCLS/2010 , Sample collected by lab rep. on dated 27.08.2021, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A

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


Saurabh Sharma
02-09-2021
Reviewer


02-09-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 1 of 3

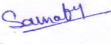
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2108160510 Sample Reg. Date :16-08-2021 Report Date :25-08-2021 Report No. :ICE-2108250780 NABL ULR No. :TC592621000009148F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

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

PART A : PARTICULARS OF SAMPLE SUBMITTED

a)	Nature of Sample #	ETP Inlet Water
b)	Grade / Variety / Type / Class / Size etc.	NA
c)	Brand Name	NA
d)	Declared Values,if any	NA
e)	Code No.	
f)	Batch Number #	NA
g)	D.O.M #	NA
h)	Date of Expiry #	NA
i)	Sample Quantity #	2 Ltr
j)	Batch Size/Location #	NA
k)	Mode of Packing	Packed in cans
l)	Date of Receipt	16-08-2021
m)	Date of Start	16-08-2021
n)	Date of Completion	25-08-2021
o)	Seal (Intact/Not Intact/Unsealed)	NA
p)	IO'S Signature (Signed/Unsigned)	Unsigned
q)	Any Other Information	Sample collected by lab rep. on 13.08.2021
r)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
s)	Manufactured By #	NA
t)	Supplied By #	NA

PART B : SUPPLIMENTARY INFORMATIONS


Saurabh Sharma
25-08-2021
Reviewer


25-08-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

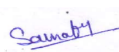
Document QF : 2501

Page 2 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2108160510 Sample Reg. Date :16-08-2021 Report Date :25-08-2021 Report No. :ICE-2108250780 NABL ULR No. :TC592621000009148F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

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

Description				
Description	ETP Inlet Water			
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Pollution & Environment				
1. General Parameters				
a.	Colour	IS:3025(Part4):1983(RA:2017)amd. no1		Light Greyish
b.	Odour	IS:3025(Part 5):1983(RA:2017)		Mild
c.	pH Value	IS:3025 (Part - 11):1983(RA:2017)		7.74
d.	Total Suspended Solids,(mg/l)	IS:3025(Part 17)		61
e.	Total Dissolved Solids (mg/l)	IS:3025(Part 16):1984(RA.2006)	-	634
f.	Chemical Oxygen Demand(mg/l)	APHA-23rd Edition		105
g.	Bio-chemical Oxygen Demand, mg/l (3 days at 27°C)	IS:3025(P-44)		38
h.	Oil & Grease(mg/l)	IS:3025(P-39)		2.2
i.	Zinc(As Zn)(mg/l)	IS: 3025 (P-2)		BLQ(LOQ:0.05)
j.	Arsenic(as As)(mg/l)	IS: 3025 (P-2)		BLQ(LOQ:0.05)
k.	Total Chromium as Cr (mg/l)	IS: 3025 (P-2)		BLQ(LOQ:0.05)
l.	Cyanide as CN, (mg/l)	IS:3025(P-27)		Absent
m.	Iron(as Fe)(mg/l)	IS: 3025 (P-2)		BLQ(LOQ:0.05)
n.	Temperature(°C)	IS: 3025 (P-9)		26.1


Saurabh Sharma
25-08-2021
Reviewer


25-08-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 3 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2108160510 Sample Reg. Date :16-08-2021 Report Date :25-08-2021 Report No. :ICE-2108250780 NABL ULR No. :TC592621000009148F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

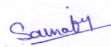
o.	Free Residual Chlorine (mg/l)	IS:3025(Part 26):1986(RA:2014)amd no 1		BLQ(LOQ:1.0)
p.	Phosphate as P (mg/l)	APHA-23rd Edition		0.3

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
25-08-2021
Reviewer


25-08-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 1 of 3

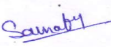
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2108160512 Sample Reg. Date :16-08-2021 Report Date :25-08-2021 Report No. :ICE-2108250779 NABL ULR No. :TC592621000009149F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

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)	Grade / Variety / Type / Class / Size etc.	NA
c)	Brand Name	NA
d)	Declared Values,if any	NA
e)	Code No.	
f)	Batch Number #	NA
g)	D.O.M #	NA
h)	Date of Expiry #	NA
i)	Sample Quantity #	2+5 Ltr
j)	Batch Size/Location #	NA
k)	Mode of Packing	Packed in cans
l)	Date of Receipt	16-08-2021
m)	Date of Start	16-08-2021
n)	Date of Completion	25-08-2021
o)	Seal (Intact/Not Intact/Unsealed)	NA
p)	IO'S Signature (Signed/Unsigned)	Unsigned
q)	Any Other Information	Sample collected by lab rep. on 13.08.2021
r)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
s)	Manufactured By #	NA
t)	Supplied By #	NA

PART B : SUPPLIMENTARY INFORMATIONS


Saurabh Sharma
25-08-2021
Reviewer


25-08-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

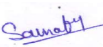
Document QF : 2501

Page 2 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. : E01-2108160512 Sample Reg. Date : 16-08-2021 Report Date : 25-08-2021 Report No. : ICE-2108250779 NABL ULR No. : TC592621000009149F Customer Ref. No. : Order No.5030010814 Letter Dated : 29.10.2020

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

Description				
Description		ETP Outlet Water		
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Pollution & Environment				
1. General Parameters				
a.	Colour	IS:3025(Part4):1983(RA: 2017)amd. no1	Not Specified	Colourless
b.	Odour	IS:3025(Part 5):1983(RA:2017)	Not Specified	None
c.	pH Value	IS:3025 (Part - 11):1983(RA:2017)	5.5-9	7.83
d.	Total Suspended Solids,(mg/l)	IS:3025(Part 17)	Max. 100	<1.0
e.	Total Dissolved Solids (mg/l)	IS:3025(Part 16):1984(RA.2006)	Max. 2100--	622
f.	Chemical Oxygen Demand(mg/l)	APHA-23rd Edition	Max. 250	4
g.	Bio-chemical Oxygen Demand, mg/l (3 days at 27°C)	IS:3025(P-44)	Max. 30	1
h.	Oil & Grease(mg/l)	IS:3025(P-39)	Max. 10	<0.1
i.	Zinc(As Zn)(mg/l)	IS: 3025 (P-2)	Max. 5.0	BLQ(LOQ:0.05)
j.	Arsenic(as As)(mg/l)	IS: 3025 (P-2)	Max. 0.2	BLQ(LOQ:0.05)
k.	Total Chromium as Cr (mg/l)	IS: 3025 (P-2)	Max. 2.0	BLQ(LOQ:0.05)
l.	Cyanide as CN, (mg/l)	IS:3025(P-27)	Max. 0.2	Absent
m.	Iron(as Fe)(mg/l)	IS: 3025 (P-2)	Max. 3.0	BLQ(LOQ:0.05)


Saurabh Sharma
25-08-2021
Reviewer


25-08-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 3 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2108160512 Sample Reg. Date :16-08-2021 Report Date :25-08-2021 Report No. :ICE-2108250779 NABL ULR No. :TC592621000009149F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

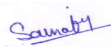
n.	Bio Assay Test	IS:6582-1971	Minimum 90 % survival of fish was observed after 96 hours in 100 % effluent	100% survival of fishes was observed in 100% effluent after 96 hours
o.	Temperature(°C)	IS: 3025 (P-9)		26.1
p.	Free Residual Chlorine (mg/l)	IS:3025(P-26)	Max. 1.0	BLQ(LOQ:1.0)
q.	Phosphate as P (mg/l)	APHA-23rd Edition	Not Specified	0.2

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
25-08-2021
Reviewer


25-08-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 1 of 3

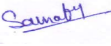
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2108160518 Sample Reg. Date :16-08-2021 Report Date :25-08-2021 Report No. :ICE-2108250784 NABL ULR No. :TC592621000009151F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

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)	Grade / Variety / Type / Class / Size etc.	NA
c)	Brand Name	NA
d)	Declared Values,if any	NA
e)	Code No.	
f)	Batch Number #	NA
g)	D.O.M #	NA
h)	Date of Expiry #	NA
i)	Sample Quantity #	2 Ltr
j)	Batch Size/Location #	NA
k)	Mode of Packing	Packed in cans
l)	Date of Receipt	16-08-2021
m)	Date of Start	16-08-2021
n)	Date of Completion	25-08-2021
o)	Seal (Intact/Not Intact/Unsealed)	NA
p)	IO'S Signature (Signed/Unsigned)	Unsigned
q)	Any Other Information	Sample collected by lab rep. on 13.08.2021
r)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
s)	Manufactured By #	NA
t)	Supplied By #	NA

PART B : SUPPLIMENTARY INFORMATIONS


Saurabh Sharma
25-08-2021
Reviewer


25-08-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 2 of 3

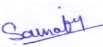
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2108160518 Sample Reg. Date :16-08-2021 Report Date :25-08-2021 Report No. :ICE-2108250784 NABL ULR No. :TC592621000009151F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

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

Description				
Description		STP Inlet Water (Plant)		
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Pollution & Environment				
1. General Parameters				
a.	Colour	IS:3025(Part4):1983(RA:2017)amd. no1		Light Greyish
b.	Odour	IS:3025(Part 5):1983(RA:2017)		Musty
c.	pH Value	IS:3025 (Part - 11):1983(RA:2017)		7.20
d.	Total Suspended Solids,(mg/l)	IS:3025(Part 17)		67
e.	Total Dissolved Solids (mg/l)	IS:3025(Part 16):1984(RA.2006)	-	513
f.	Chemical Oxygen Demand(mg/l)	APHA-23rd Edition		132
g.	Bio-chemical Oxygen Demand, mg/l (3 days at 27°C)	IS:3025(P-44)		42
h.	Oil & Grease(mg/l)	IS:3025(P-39)		2.4
i.	Free Residual Chlorine (mg/l)	IS:3025(Part 26):1986(RA:2014)amd no 1		BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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


Saurabh Sharma
25-08-2021
Reviewer


25-08-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

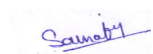
Document QF : 2501

Page 3 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2108160518 Sample Reg. Date :16-08-2021 Report Date :25-08-2021 Report No. :ICE-2108250784 NABL ULR No. :TC592621000009151F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

REMARKS :N/A

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



Saurabh Sharma
25-08-2021
Reviewer



25-08-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 1 of 3

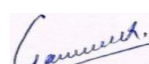
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2108160519 Sample Reg. Date :16-08-2021 Report Date :27-08-2021 Report No. :ICE-2108270906 NABL ULR No. :TC592621000009289F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

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

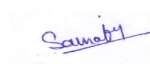
PART A : PARTICULARS OF SAMPLE SUBMITTED

a)	Nature of Sample #	STP Inlet Water (Plant).
b)	Grade / Variety / Type / Class / Size etc.	NA
c)	Brand Name	NA
d)	Declared Values,if any	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 can
l)	Date of Receipt	16-08-2021
m)	Date of Start	16-08-2021
n)	Date of Completion	27-08-2021
o)	Seal (Intact/Not Intact/Unsealed)	NA
p)	IO'S Signature (Signed/Unsigned)	Unsigned
q)	Any Other Information	Sample collected by lab rep. on 13.08.2021
r)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
s)	Manufactured By #	NA
t)	Supplied By #	NA

PART B : SUPPLIMENTARY INFORMATIONS



27-08-2021
Gaurav Khandelwal
[Authorized Signatory]



Saurabh Sharma
27-08-2021
Reviewer



27-08-2021
PremKumar
[Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.

(ISO 9001:2015 & 14001:2015 OHSAS 18001:2007 Certified Laboratory)

(A Government Approved Test House)

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

Phone : (O) 0172-2561543, 2565825

Visit us : www.itclabs.com Email : customersupport@itclabs.com

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 2 of 3

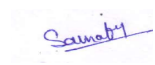
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. : E01-2108160519 Sample Reg. Date : 16-08-2021 Report Date : 27-08-2021 Report No. : ICE-2108270906 NABL ULR No. : TC592621000009289F Customer Ref. No. : Order No.5030010814 Letter Dated : 29.10.2020

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

Description				
Description		STP Inlet Water (Plant).		
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Pollution & Environment				
1. General Parameters				
a.	Nitrate as NO ₃ (mg/l)	IS:3025(P-34)		1.2
b.	Calcium(as Ca)(mg/l)	IS:3025(P-40)	-	54
c.	Magnesium as Mg(mg/l)	IS:3025(Part-46)	-	22
d.	Sodium(as Na)(mg/l)	IS:3025(P-45)	-	33
e.	Potassium as K,(mg/l)	IS:3025(P-45)		4.9
f.	Phosphate as PO ₄ (mg/l)	APHA-23rd Edition		0.6
Discipline : Biological				
Group : Pollution & Environment				
1. Microbiological Tests				
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		1405
c.	Total Coliform (MPN/100ml)	APHA-23 rd Edn 17-9221 F		5449

'#' represents Customer Defined Fields


27-08-2021
Gaurav Khandelwal
[Authorized Signatory]


Saurabh Sharma
27-08-2021
Reviewer


27-08-2021
Prem Kumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 3 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2108160519 Sample Reg. Date :16-08-2021 Report Date :27-08-2021 Report No. :ICE-2108270906 NABL ULR No. :TC592621000009289F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

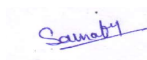
NOTE : NA- Not Applicable, Sampling Procedure - SOP/ITC/EW/030, Purpose - For Self monitoring

REMARKS :N/A

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



27-08-2021
Gaurav Khandelwal
[Authorized Signatory]



Saurabh Sharma
27-08-2021
Reviewer



27-08-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 1 of 3

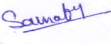
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2108160520 Sample Reg. Date :16-08-2021 Report Date :25-08-2021 Report No. :ICE-2108250783 NABL ULR No. :TC592621000009153F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

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)	Grade / Variety / Type / Class / Size etc.	NA
c)	Brand Name	NA
d)	Declared Values,if any	NA
e)	Code No.	
f)	Batch Number #	NA
g)	D.O.M #	NA
h)	Date of Expiry #	NA
i)	Sample Quantity #	2 Ltr
j)	Batch Size/Location #	NA
k)	Mode of Packing	Packed in cans
l)	Date of Receipt	16-08-2021
m)	Date of Start	16-08-2021
n)	Date of Completion	25-08-2021
o)	Seal (Intact/Not Intact/Unsealed)	NA
p)	IO'S Signature (Signed/Unsigned)	Unsigned
q)	Any Other Information	Sample collected by lab rep. on 13.08.2021
r)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
s)	Manufactured By #	NA
t)	Supplied By #	NA

PART B : SUPPLIMENTARY INFORMATIONS


Saurabh Sharma
25-08-2021
Reviewer


25-08-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 2 of 3

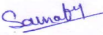
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2108160520 Sample Reg. Date :16-08-2021 Report Date :25-08-2021 Report No. :ICE-2108250783 NABL ULR No. :TC592621000009153F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

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

Description				
Description		STP Outlet Water (Plant)		
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Pollution & Environment				
1. General Parameters				
a.	Colour	IS:3025(Part4):1983(RA:2017)amd. no1	Not Specified	Colourless
b.	Odour	IS:3025(Part 5):1983(RA:2017)	Not Specified	None
c.	pH Value	IS:3025 (Part - 11):1983(RA:2017)	6.5-9	8.08
d.	Total Suspended Solids,(mg/l)	IS:3025(Part 17)	Max. 100	6
e.	Total Dissolved Solids (mg/l)	IS:3025(Part 16):1984(RA.2006)	Not Specified	501
f.	Chemical Oxygen Demand(mg/l)	APHA-23rd Edition	Not Specified	27
g.	Bio-chemical Oxygen Demand, mg/l (3 days at 27°C)	IS:3025(P-44)	Max. 30	8
h.	Oil & Grease(mg/l)	IS:3025(P-39)	Max. 10	<0.1
i.	Free Residual Chlorine (mg/l)	IS:3025(P-26)	Max. 1.0	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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


Saurabh Sharma
25-08-2021
Reviewer


25-08-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

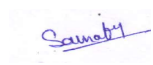
Document QF : 2501

Page 3 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2108160520 Sample Reg. Date :16-08-2021 Report Date :25-08-2021 Report No. :ICE-2108250783 NABL ULR No. :TC592621000009153F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

REMARKS :N/A

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


Saurabh Sharma
25-08-2021
Reviewer


25-08-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 1 of 3

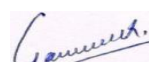
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2108160521 Sample Reg. Date :16-08-2021 Report Date :27-08-2021 Report No. :ICE-2108270907 NABL ULR No. :TC592621000009288F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2021

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

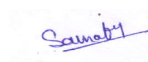
PART A : PARTICULARS OF SAMPLE SUBMITTED

a)	Nature of Sample #	STP Outlet Water (Plant).
b)	Grade / Variety / Type / Class / Size etc.	NA
c)	Brand Name	NA
d)	Declared Values,if any	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 can
l)	Date of Receipt	16-08-2021
m)	Date of Start	16-08-2021
n)	Date of Completion	27-08-2021
o)	Seal (Intact/Not Intact/Unsealed)	NA
p)	IO'S Signature (Signed/Unsigned)	Unsigned
q)	Any Other Information	Sample collected by lab rep. on 13.08.2021
r)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
s)	Manufactured By #	NA
t)	Supplied By #	NA

PART B : SUPPLIMENTARY INFORMATIONS



27-08-2021
Gaurav Khandelwal
[Authorized Signatory]



Saurabh Sharma
27-08-2021
Reviewer



27-08-2021
PremKumar
[Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.

(ISO 9001:2015 & 14001:2015 OHSAS 18001:2007 Certified Laboratory)

(A Government Approved Test House)

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

Phone : (O) 0172-2561543, 2565825

Visit us : www.itclabs.com Email : customersupport@itclabs.com

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

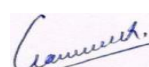
Page 2 of 3

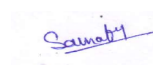
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2108160521 Sample Reg. Date :16-08-2021 Report Date :27-08-2021 Report No. :ICE-2108270907 NABL ULR No. :TC592621000009288F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2021

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

Description				
Description		Clear colourless liquid		
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Pollution & Environment				
1. General Parameters				
a.	Nitrate as NO ₃ (mg/l)	IS 3025 (Part 34)	Max. 10	BLQ(LOQ:1.0)
b.	Calcium(as Ca)(mg/l)	IS:3025(P-40)	Not Specified	101
c.	Magnesium as Mg(mg/l)	IS: 3025 (P-46)	Not Specified	34
d.	Sodium(as Na)(mg/l)	IS:3025(P-45)	Not Specified	82.2
e.	Potassium as K,(mg/l)	IS:3025(P-45)	Not Specified	2.9
f.	Phosphate(as PO ₄), mg/L	APHA-23rd Edition	Max. 5.0	0.24
Discipline : Biological				
Group : Pollution & Environment				
1. Microbiological Tests				
a.	Faecal Coliform, MPN/100ml	APHA-23 rd Edn 17-9221 F	Max. 1000	<1.8
b.	<i>E.coli</i> , (MPN/100ml)	APHA 23rd Edn 17-9221 E	Not Specified	<1.8
c.	Total Coliform (MPN/100ml)	APHA-23 rd Edn 17-9221 F	Not Specified	21

'#' represents Customer Defined Fields


 27-08-2021
 Gaurav Khandelwal
 [Authorized Signatory]


 Saurabh Sharma
 27-08-2021
 Reviewer


 27-08-2021
 PremKumar
 [Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 3 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2108160521 Sample Reg. Date :16-08-2021 Report Date :27-08-2021 Report No. :ICE-2108270907 NABL ULR No. :TC592621000009288F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2021

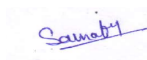
NOTE : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Sampling Procedure - SOP/ITC/EW/030, Purpose - For Self monitoring

REMARKS :N/A

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



27-08-2021
Gaurav Khandelwal
[Authorized Signatory]



Saurabh Sharma
27-08-2021
Reviewer



27-08-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 1 of 3

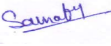
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2108160514 Sample Reg. Date :16-08-2021 Report Date :25-08-2021 Report No. :ICE-2108250785 NABL ULR No. :TC592621000009150F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

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)	Grade / Variety / Type / Class / Size etc.	NA
c)	Brand Name	NA
d)	Declared Values,if any	NA
e)	Code No.	
f)	Batch Number #	NA
g)	D.O.M #	NA
h)	Date of Expiry #	NA
i)	Sample Quantity #	2 Ltr
j)	Batch Size/Location #	NA
k)	Mode of Packing	Packed in cans
l)	Date of Receipt	16-08-2021
m)	Date of Start	16-08-2021
n)	Date of Completion	25-08-2021
o)	Seal (Intact/Not Intact/Unsealed)	NA
p)	IO'S Signature (Signed/Unsigned)	Unsigned
q)	Any Other Information	Sample collected by lab rep. on 13.08.2021
r)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
s)	Manufactured By #	NA
t)	Supplied By #	NA

PART B : SUPPLIMENTARY INFORMATIONS


Saurabh Sharma
25-08-2021
Reviewer


25-08-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 2 of 3

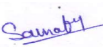
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2108160514 Sample Reg. Date :16-08-2021 Report Date :25-08-2021 Report No. :ICE-2108250785 NABL ULR No. :TC592621000009150F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

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

Description				
Description		STP Inlet Water (Township)		
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Pollution & Environment				
1.	General Parameters			
a.	Colour	IS:3025(Part4):1983(RA:2017)amd. no1		Greyish
b.	Odour	IS:3025(Part 5):1983(RA:2017)		Musty
c.	pH Value	IS:3025 (Part - 11):1983(RA:2017)		7.15
d.	Total Suspended Solids,(mg/l)	IS:3025(Part 17)		88
e.	Total Dissolved Solids (mg/l)	IS:3025(Part 16):1984(RA.2006)	-	427
f.	Chemical Oxygen Demand(mg/l)	APHA-23rd Edition		140
g.	Bio-chemical Oxygen Demand, mg/l (3 days at 27°C)	IS:3025(P-44)		46
h.	Oil & Grease(mg/l)	IS:3025(P-39)		6.6
i.	Free Residual Chlorine (mg/l)	IS:3025(Part 26):1986(RA:2014)amd no 1		BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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


Saurabh Sharma
25-08-2021
Reviewer


25-08-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

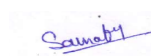
Document QF : 2501

Page 3 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2108160514 Sample Reg. Date :16-08-2021 Report Date :25-08-2021 Report No. :ICE-2108250785 NABL ULR No. :TC592621000009150F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

REMARKS :N/A

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



Saurabh Sharma
25-08-2021
Reviewer



25-08-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 1 of 3

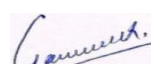
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2108160515 Sample Reg. Date :16-08-2021 Report Date :26-08-2021 Report No. :ICE-2108260887 NABL ULR No. :TC592621000009210F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

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

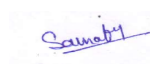
PART A : PARTICULARS OF SAMPLE SUBMITTED

a)	Nature of Sample #	STP Inlet Water (Township).
b)	Grade / Variety / Type / Class / Size etc.	NA
c)	Brand Name	NA
d)	Declared Values,if any	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 can
l)	Date of Receipt	16-08-2021
m)	Date of Start	16-08-2021
n)	Date of Completion	26-08-2021
o)	Seal (Intact/Not Intact/Unsealed)	NA
p)	IO'S Signature (Signed/Unsigned)	Unsigned
q)	Any Other Information	Sample collected by lab rep. on 13.08.2021
r)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
s)	Manufactured By #	NA
t)	Supplied By #	NA

PART B : SUPPLIMENTARY INFORMATIONS



26-08-2021
Gaurav Khandelwal
[Authorized Signatory]



Saurabh Sharma
26-08-2021
Reviewer



26-08-2021
PremKumar
[Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.

(ISO 9001:2015 & 14001:2015 OHSAS 18001:2007 Certified Laboratory)

(A Government Approved Test House)

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

Phone : (O) 0172-2561543, 2565825

Visit us : www.itclabs.com Email : customersupport@itclabs.com

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

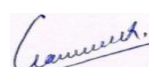
Page 2 of 3

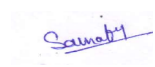
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2108160515 Sample Reg. Date :16-08-2021 Report Date :26-08-2021 Report No. :ICE-2108260887 NABL ULR No. :TC592621000009210F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

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

Description				
Description		STP Inlet Water (Township).		
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Pollution & Environment				
1. General Parameters				
a.	Nitrate as NO ₃ (mg/l)	IS:3025(P-34)		1.3
b.	Calcium(as Ca)(mg/l)	IS:3025(P-40)	-	77
c.	Magnesium as Mg(mg/l)	IS:3025(Part-46)	-	26
d.	Sodium(as Na)(mg/l)	IS:3025(P-45)	-	98.8
e.	Potassium as K,(mg/l)	IS:3025(P-45)		9.1
f.	Phosphate as PO ₄ (mg/l)	APHA-23rd Edition		0.8
Discipline : Biological				
Group : Pollution & Environment				
1. Microbiological Tests				
a.	Faecal Coliforms, (MPN/100ml)	APHA-23 rd Edn 17-9221 F		1.7 X 10000
b.	E.coli, (MPN/100ml)	APHA-23 rd Edn 17-9221 F		6.9 X 1000
c.	Total Coliform (MPN/100ml)	APHA-23 rd Edn 17-9221 F		7.6 X 10000

'#' represents Customer Defined Fields


26-08-2021
Gaurav Khandelwal
[Authorized Signatory]


Saurabh Sharma
26-08-2021
Reviewer


26-08-2021
Prem Kumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 3 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2108160515 Sample Reg. Date :16-08-2021 Report Date :26-08-2021 Report No. :ICE-2108260887 NABL ULR No. :TC592621000009210F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

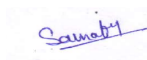
NOTE : NA- Not Applicable, Sampling Procedure - SOP/ITC/EW/030, Purpose - For Self monitoring

REMARKS :N/A

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



26-08-2021
Gaurav Khandelwal
[Authorized Signatory]



Saurabh Sharma
26-08-2021
Reviewer



26-08-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 1 of 3

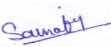
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2108160516 Sample Reg. Date :16-08-2021 Report Date :25-08-2021 Report No. :ICE-2108250782 NABL ULR No. :TC592621000009152F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

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)	Grade / Variety / Type / Class / Size etc.	NA
c)	Brand Name	NA
d)	Declared Values,if any	NA
e)	Code No.	
f)	Batch Number #	NA
g)	D.O.M #	NA
h)	Date of Expiry #	NA
i)	Sample Quantity #	2 Ltr
j)	Batch Size/Location #	NA
k)	Mode of Packing	Packed in cans
l)	Date of Receipt	16-08-2021
m)	Date of Start	16-08-2021
n)	Date of Completion	25-08-2021
o)	Seal (Intact/Not Intact/Unsealed)	NA
p)	IO'S Signature (Signed/Unsigned)	Unsigned
q)	Any Other Information	Sample collected by lab rep. on 13.08.2021
r)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
s)	Manufactured By #	NA
t)	Supplied By #	NA

PART B : SUPPLIMENTARY INFORMATIONS


Saurabh Sharma
25-08-2021
Reviewer


25-08-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 2 of 3

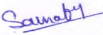
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2108160516 Sample Reg. Date :16-08-2021 Report Date :25-08-2021 Report No. :ICE-2108250782 NABL ULR No. :TC592621000009152F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

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

Description				
Description		STP Outlet Water (Township)		
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Pollution & Environment				
1. General Parameters				
a.	Colour	IS:3025(Part4):1983(RA:2017)amd. no1	Not Specified	Light Greyish
b.	Odour	IS:3025(Part 5):1983(RA:2017)	Not Specified	None
c.	pH Value	IS:3025 (Part - 11):1983(RA:2017)	6.5-9	7.18
d.	Total Suspended Solids,(mg/l)	IS:3025(Part 17)	Max. 100	16
e.	Total Dissolved Solids (mg/l)	IS:3025(Part 16):1984(RA.2006)	Not Specified	413
f.	Chemical Oxygen Demand(mg/l)	APHA-23rd Edition	Not Specified	35
g.	Bio-chemical Oxygen Demand, mg/l (3 days at 27°C)	IS:3025(P-44)	Max. 30	10
h.	Oil & Grease(mg/l)	IS:3025(P-39)	Max. 10	0.4
i.	Free Residual Chlorine (mg/l)	IS:3025(P-26)	Max. 1.0	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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


Saurabh Sharma
25-08-2021
Reviewer


25-08-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

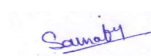
Document QF : 2501

Page 3 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2108160516 Sample Reg. Date :16-08-2021 Report Date :25-08-2021 Report No. :ICE-2108250782 NABL ULR No. :TC592621000009152F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

REMARKS :N/A

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



Saurabh Sharma
25-08-2021
Reviewer



25-08-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 1 of 3

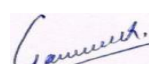
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2108160517 Sample Reg. Date :16-08-2021 Report Date :26-08-2021 Report No. :ICE-2108260888 NABL ULR No. :TC592621000009231F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

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

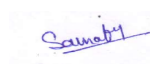
PART A : PARTICULARS OF SAMPLE SUBMITTED

a)	Nature of Sample#	STP Outlet Water (Township).
b)	Grade / Variety / Type / Class / Size etc.	NA
c)	Brand Name	NA
d)	Declared Values,if any	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 can
l)	Date of Receipt	16-08-2021
m)	Date of Start	16-08-2021
n)	Date of Completion	26-08-2021
o)	Seal (Intact/Not Intact/Unsealed)	NA
p)	IO'S Signature (Signed/Unsigned)	Unsigned
q)	Any Other Information	Sample collected by lab rep. on 13.08.2021
r)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
s)	Manufactured By#	NA
t)	Supplied By#	NA

PART B : SUPPLIMENTARY INFORMATIONS



26-08-2021
Gaurav Khandelwal
[Authorized Signatory]



Saurabh Sharma
26-08-2021
Reviewer



26-08-2021
PremKumar
[Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.

(ISO 9001:2015 & 14001:2015 OHSAS 18001:2007 Certified Laboratory)

(A Government Approved Test House)

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

Phone : (O) 0172-2561543, 2565825

Visit us : www.itclabs.com Email : customersupport@itclabs.com

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

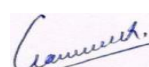
Page 2 of 3

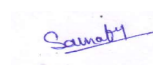
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2108160517 Sample Reg. Date :16-08-2021 Report Date :26-08-2021 Report No. :ICE-2108260888 NABL ULR No. :TC592621000009231F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

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

Description				
Description		STP Outlet Water (Township).		
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Pollution & Environment				
1. General Parameters				
a.	Nitrate as NO ₃ (mg/l)	IS 3025 (Part 34)	Max. 10	BLQ(LOQ:1.0)
b.	Calcium(as Ca)(mg/l)	IS:3025(P-40)	Not Specified	51
c.	Magnesium as Mg(mg/l)	IS: 3025 (P-46)	Not Specified	17
d.	Sodium(as Na)(mg/l)	IS:3025(P-45)	Not Specified	36
e.	Potassium as K,(mg/l)	IS:3025(P-45)	Not Specified	5.6
f.	Phosphate(as PO ₄), mg/L	APHA-23rd Edition	Max. 5.0	0.4
Discipline : Biological				
Group : Pollution & Environment				
1. Microbiological Tests				
a.	Faecal Coliform, MPN/100ml	APHA-23 rd Edn 17-9221 F	Max. 1000	350
b.	<i>E.coli</i> , (MPN/100ml)	APHA 23rd Edn 17-9221 E	Not Specified	240
c.	Total Coliform (MPN/100ml)	APHA-23 rd Edn 17-9221 F	Not Specified	540

'#' represents Customer Defined Fields


26-08-2021
Gaurav Khandelwal
[Authorized Signatory]


Saurabh Sharma
26-08-2021
Reviewer


26-08-2021
Prem Kumar
[Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.
(ISO 9001:2015 & 14001:2015 OHSAS 18001:2007 Certified Laboratory)
(A Government Approved Test House)
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)
Phone : (O) 0172-2561543, 2565825
Visit us : www.itclabs.com Email : customersupport@itclabs.com

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 3 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2108160517 Sample Reg. Date :16-08-2021 Report Date :26-08-2021 Report No. :ICE-2108260888 NABL ULR No. :TC592621000009231F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

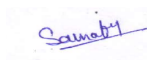
NOTE : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per EPA Act 1986/PCLS/2010, Sampling Procedure - SOP/ITC/EW/030, Purpose - For Self monitoring

REMARKS :N/A

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



26-08-2021
Gaurav Khandelwal
[Authorized Signatory]



Saurabh Sharma
26-08-2021
Reviewer



26-08-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 1 of 5

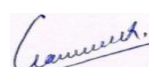
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2108160524 Sample Reg. Date :16-08-2021 Report Date :13-09-2021 Report No. :ICE-2109130197 NABL ULR No. :TC592621000009904F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

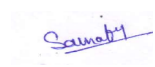
Test Report as per IS: BIS Specification IS:10500-2012	With Amendment No.(s): 01 to 03

PART A : PARTICULARS OF SAMPLE SUBMITTED

a)	Nature of Sample #	Ground Water (Ash Dyke/Lagoon)
b)	Grade / Variety / Type / Class / Size etc.	NA
c)	Brand Name	NA
d)	Declared Values,if any	NA
e)	Code No.	
f)	Batch Number #	NA
g)	D.O.M #	NA
h)	Date of Expiry #	NA
i)	Sample Quantity #	7 Ltr
j)	Batch Size/Location #	NA
k)	Mode of Packing	Packed in cans
l)	Date of Receipt	16-08-2021
m)	Date of Start	16-08-2021
n)	Date of Completion	13-09-2021
o)	Seal (Intact/Not Intact/Unsealed)	NA
p)	IO'S Signature (Signed/Unsigned)	Unsigned
q)	Any Other Information	Sample collected by lab rep. Mr. Vipin on 13.08.2021, Sample from Down Stream
r)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
s)	Manufactured By #	NA
t)	Supplied By #	NA

PART B : SUPPLIMENTARY INFORMATIONS


13-09-2021
Gaurav Khandelwal
[Authorized Signatory]


Saurabh Sharma
13-09-2021
Reviewer


13-09-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

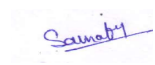
Page 2 of 5

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2108160524 Sample Reg. Date :16-08-2021 Report Date :13-09-2021 Report No. :ICE-2109130197 NABL ULR No. :TC592621000009904F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

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	Acceptable Limit	Permissible Limit	Result
	Discipline : Chemical				
	Group : Water				
1.	Organoleptic & Physical Parameter				
a.	Colour (Hazen)	IS:3025(Part4):1983(RA:2017)amd. no1	5 Max.	15 Max.	5
b.	Taste	IS:3025(Part 8):1984(RA:2017)	Agreeable	-	*
c.	Odour	IS:3025(Part 5):1983(RA:2017)	Agreeable	-	Agreeable
d.	pH Value	IS:3025 (Part - 11):1983(RA:2017)	6.5-8.5	No relaxation	8.38
e.	Turbidity(NTU)	IS:3025(Part 10):1984(RA:2017)	1 Max.	5 Max.	5.8
f.	Total Dissolved Solids,(mg/l)	IS:3025(Part 16):1984(RA:2006)	500 Max.	2000 Max.	2125
2.	Parameters Concerning Undesirable Substances in excess amount				
a.	Aluminium as Al, (mg/l)	IS:3025(Part 55):RA2014	0.03 Max.	0.2 Max.	BLQ(LOQ:0.02)
b.	Ammonia (as total ammonia-N) (mg/l)	IS:3025(Part 34):1988(RA:2014)	0.5 Max.	No Relaxation	BLQ(LOQ:0.1)
c.	Anionic detergent(as MBAS),(mg/l)	IS:13428:2005(RA:2009)-Annex K	0.2 Max.	1.0 Max.	BLQ(LOQ:0.05)


 13-09-2021
 Gaurav Khandelwal
 [Authorized Signatory]


 Saurabh Sharma
 13-09-2021
 Reviewer


 13-09-2021
 Prem Kumar
 [Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

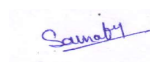
Page 3 of 5

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2108160524 Sample Reg. Date :16-08-2021 Report Date :13-09-2021 Report No. :ICE-2109130197 NABL ULR No. :TC592621000009904F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

d.	Barium (as Ba) (mg/l)	IS:13428:2005(RA:2014)Annex. F/IS:3025(P-65)	0.7 Max.	No relaxation	BLQ(LOQ:0.3)
e.	Boron (as B) (mg/l)	Apha 23rd Edn.2017-3120 B/IS:3025(Part 57):2004(RA:2017)	0.5 Max.	2.4 Max.	BLQ(LOQ:0.5)
f.	Calcium(as Ca), (mg/l)	IS:3025(Part 40):1991(RA:2014) amd no 1	75 Max.	200 Max.	80
g.	Chloramines (as Cl ₂), (mg/l)	IS:3025(Part 26):1986 amd no 1(RA 2014)	4.0 Max.	No relaxation	BLQ(LOQ:0.02)
h.	Chloride(as Cl) (mg/l)	IS:3025(Part 32):1988(RA:2014)	250 Max.	1000 Max.	651
i.	Copper (as Cu) (mg/l)	IS:3025(P-65)	0.05 Max.	1.5 Max.	0.015
j.	Fluoride as F (mg/l)	IS:3025(Part 60):2008 amd. no 1(RA:2013)	1.0 Max.	1.5 Max.	1.6
k.	Phenolic compounds (as C ₆ H ₅ OH), (mg/l)	IS:3025(P-43)	0.001 Max.	0.002 Max.	BLQ(LOQ:0.001)
l.	Free Residual Chlorine, (mg/l)	IS:3025(P-26)	0.2 Min.	1.0 Max.	Not Applicable
m.	Iron (as Fe) (mg/l)	IS:3025(Part 53):2003(RA:2014)	1.0 Max.	No relaxation	0.072
n.	Magnesium as Mg (mg/l)	IS:3025(Part 46):1994 amd. no. 2(RA:2014)	30 Max.	100 Max.	59
o.	Manganese as Mn, (mg/l)	Apha 23rd Edn.2017-3125 B/IS:3025(Part 59):2004(RA:2017)	0.1 Max.	0.3 Max.	BLQ(LOQ:0.1)
p.	Mineral Oil, (mg/l)	Clause 6 of IS:3025(Part39)	1.0 Max.	No Relaxation	BLQ(LOQ: 0.01)
q.	Nitrate as NO ₃ (mg/l)	IS:3025(Part 34):1988(RA:2014)	45 Max.	No Relaxation	1.4
r.	Selenium (as Se) (mg/l)	IS:3025(P-65)	0.01 Max.	No Relaxation	BLQ(LOQ:0.002)
s.	Silver (as Ag) (mg/l)	IS:3025(P-65)	0.1 Max.	No Relaxation	BLQ(LOQ:0.002)
t.	Sulphate(as SO ₄) (mg/l)	IS:3025(Part 24):1986(RA:2014)	200 Max.	400 Max.	180



13-09-2021
Gaurav Khandelwal
[Authorized Signatory]



Saurabh Sharma
13-09-2021
Reviewer



13-09-2021
Prem Kumar
[Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.

(ISO 9001:2015 & 14001:2015 OHSAS 18001:2007 Certified Laboratory)

(A Government Approved Test House)

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

Phone : (O) 0172-2561543, 2565825

Visit us : www.itclabs.com Email : customersupport@itclabs.com

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 4 of 5

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2108160524 Sample Reg. Date :16-08-2021 Report Date :13-09-2021 Report No. :ICE-2109130197 NABL ULR No. :TC592621000009904F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

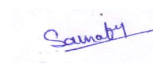
u.	Sulphide as H ₂ S, (mg/l)	IS:3025(Part 29)	0.05 Max.	No Relaxation	BLQ(LOQ:0.05)
v.	Total Alkalinity(as CaCO ₃)(mg/l)	IS:3025(Part 23)	200 Max.	600 Max.	324
w.	Total Hardness(as CaCO ₃), (mg/l)	IS 3025 (Part 21)	200 Max.	600 Max.	441
x.	Zinc(as Zn)(mg/l)	IS:3025(P-65)	5 Max.	15 Max.	0.666
3. Parameters Concerning Toxic Substances					
a.	Cadmium(as Cd)(mg/l)	IS:3025(P-65)	0.003 Max.	No Relaxation	BLQ(LOQ:0.002)
b.	Cyanide(asCN)(mg/l)	IS:3025(Part 27)	0.05 Max.	No Relaxation	BLQ(LOQ:0.01)
c.	Lead(as Pb)(mg/l)	IS:3025(P-65)	0.01 Max.	No Relaxation	0.007
d.	Mercury(as Hg)(mg/l)	IS:3025(P-65)	0.001 Max.	No Relaxation	BLQ(LOQ:0.001)
e.	Molybdenum(as Mo)(mg/l)	IS:3025(P-65)	0.07 Max.	No Relaxation	BLQ(LOQ:0.002)
f.	Nickel(as Ni) (mg/l)	IS:3025(P-65)	0.02 Max.	No Relaxation	BLQ(LOQ:0.002)
g.	Total Arsenic(as As)(mg/l)	IS:3025(P-65)	0.01 Max.	No relaxation	BLQ(LOQ:0.002)
h.	Total Chromium(as Cr)(mg/l)	IS:3025(P-65)	0.05 Max.	No Relaxation	BLQ(LOQ:0.002)
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, *Test not performed because Sample is not safe for ingestion, Sampling Procedure - SOP/ITC/EW/030,

REMARKS :N/A


13-09-2021
Gaurav Khandelwal
[Authorized Signatory]


Saurabh Sharma
13-09-2021
Reviewer


13-09-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

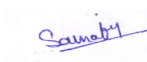
Page 5 of 5

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2108160524 Sample Reg. Date :16-08-2021 Report Date :13-09-2021 Report No. :ICE-2109130197 NABL ULR No. :TC592621000009904F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

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



13-09-2021
Gaurav Khandelwal
[Authorized Signatory]



Saurabh Sharma
13-09-2021
Reviewer



13-09-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 1 of 5

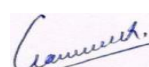
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2108160525 Sample Reg. Date :16-08-2021 Report Date :13-09-2021 Report No. :ICE-2109130198 NABL ULR No. :TC592621000009898F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

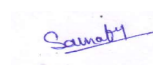
Test Report as per IS: BIS Specification IS:10500-2012	With Amendment No.(s): 01 to 03

PART A : PARTICULARS OF SAMPLE SUBMITTED

a)	Nature of Sample [#]	Ground Water (Ash Dyke/Lagoon)
b)	Grade / Variety / Type / Class / Size etc.	NA
c)	Brand Name	NA
d)	Declared Values,if any	NA
e)	Code No.	
f)	Batch Number [#]	NA
g)	D.O.M [#]	NA
h)	Date of Expiry [#]	NA
i)	Sample Quantity [#]	7 Ltr
j)	Batch Size/Location [#]	NA
k)	Mode of Packing	Packed in cans
l)	Date of Receipt	16-08-2021
m)	Date of Start	16-08-2021
n)	Date of Completion	13-09-2021
o)	Seal (Intact/Not Intact/Unsealed)	NA
p)	IO'S Signature (Signed/Unsigned)	Unsigned
q)	Any Other Information	Sample collected by lab rep. Mr. Vipin on 13.08.2021 , Sample from Up Stream
r)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
s)	Manufactured By [#]	NA
t)	Supplied By [#]	NA

PART B : SUPPLIMENTARY INFORMATIONS


13-09-2021
Gaurav Khandelwal
[Authorized Signatory]


13-09-2021
Saurabh Sharma
Reviewer


13-09-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

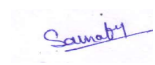
Page 2 of 5

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2108160525 Sample Reg. Date :16-08-2021 Report Date :13-09-2021 Report No. :ICE-2109130198 NABL ULR No. :TC592621000009898F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

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	Acceptable Limit	Permissible Limit	Result
	Discipline : Chemical				
	Group : Water				
1.	Organoleptic & Physical Parameter				
a.	Colour (Hazen)	IS:3025(Part4):1983(RA:2017)amd. no1	5 Max.	15 Max.	4
b.	Taste	IS:3025(Part 8):1984(RA:2017)	Agreeable	-	*
c.	Odour	IS:3025(Part 5):1983(RA:2017)	Agreeable	-	Agreeable
d.	pH Value	IS:3025 (Part - 11):1983(RA:2017)	6.5-8.5	No relaxation	8.15
e.	Turbidity(NTU)	IS:3025(Part 10):1984(RA:2017)	1 Max.	5 Max.	<0.5
f.	Total Dissolved Solids,(mg/l)	IS:3025(Part 16):1984(RA:2006)	500 Max.	2000 Max.	2814
2.	Parameters Concerning Undesirable Substances in excess amount				
a.	Aluminium as Al, (mg/l)	IS:3025(Part 55):RA2014	0.03 Max.	0.2 Max.	BLQ(LOQ:0.02)
b.	Ammonia (as total ammonia-N) (mg/l)	IS:3025(Part 34):1988(RA:2014)	0.5 Max.	No Relaxation	BLQ(LOQ:0.1)
c.	Anionic detergent(as MBAS),(mg/l)	IS:13428:2005(RA:2009)-Annex K	0.2 Max.	1.0 Max.	BLQ(LOQ:0.05)


 13-09-2021
 Gaurav Khandelwal
 [Authorized Signatory]


 Saurabh Sharma
 13-09-2021
 Reviewer


 13-09-2021
 Prem Kumar
 [Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

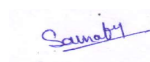
Page 3 of 5

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2108160525 Sample Reg. Date :16-08-2021 Report Date :13-09-2021 Report No. :ICE-2109130198 NABL ULR No. :TC592621000009898F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

d.	Barium (as Ba) (mg/l)	IS:13428:2005(RA:2014)Annex. F/IS:3025(P-65)	0.7 Max.	No relaxation	BLQ(LOQ:0.3)
e.	Boron (as B) (mg/l)	Apha 23rd Edn.2017-3120 B/IS:3025(Part 57):2004(RA:2017)	0.5 Max.	2.4 Max.	BLQ(LOQ:0.5)
f.	Calcium(as Ca), (mg/l)	IS:3025(Part 40):1991(RA:2014) amd no 1	75 Max.	200 Max.	67
g.	Chloramines (as Cl ₂), (mg/l)	IS:3025(Part 26):1986 amd no 1(RA 2014)	4.0 Max.	No relaxation	BLQ(LOQ:0.02)
h.	Chloride(as Cl) (mg/l)	IS:3025(Part 32):1988(RA:2014)	250 Max.	1000 Max.	880
i.	Copper (as Cu) (mg/l)	IS:3025(P-65)	0.05 Max.	1.5 Max.	0.006
j.	Fluoride as F (mg/l)	IS:3025(Part 60):2008 amd. no 1(RA:2013)	1.0 Max.	1.5 Max.	2.1
k.	Phenolic compounds (as C ₆ H ₅ OH), (mg/l)	IS:3025(P-43)	0.001 Max.	0.002 Max.	BLQ(LOQ:0.001)
l.	Free Residual Chlorine, (mg/l)	IS:3025(P-26)	0.2 Min.	1.0 Max.	Not Applicable
m.	Iron (as Fe) (mg/l)	IS:3025(Part 53):2003(RA:2014)	1.0 Max.	No relaxation	0.036
n.	Magnesium as Mg (mg/l)	IS:3025(Part 46):1994 amd. no. 2(RA:2014)	30 Max.	100 Max.	98.5
o.	Manganese as Mn, (mg/l)	Apha 23rd Edn.2017-3125 B/IS:3025(Part 59):2004(RA:2017)	0.1 Max.	0.3 Max.	BLQ(LOQ:0.1)
p.	Mineral Oil, (mg/l)	Clause 6 of IS:3025(Part39)	1.0 Max.	No Relaxation	BLQ(LOQ: 0.01)
q.	Nitrate as NO ₃ (mg/l)	IS:3025(Part 34):1988(RA:2014)	45 Max.	No Relaxation	1.8
r.	Selenium (as Se) (mg/l)	IS:3025(P-65)	0.01 Max.	No Relaxation	BLQ(LOQ:0.002)
s.	Silver (as Ag) (mg/l)	IS:3025(P-65)	0.1 Max.	No Relaxation	BLQ(LOQ:0.002)
t.	Sulphate(as SO ₄) (mg/l)	IS:3025(Part 24):1986(RA:2014)	200 Max.	400 Max.	650



13-09-2021
Gaurav Khandelwal
[Authorized Signatory]



Saurabh Sharma
13-09-2021
Reviewer



13-09-2021
Prem Kumar
[Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.

(ISO 9001:2015 & 14001:2015 OHSAS 18001:2007 Certified Laboratory)

(A Government Approved Test House)

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

Phone : (O) 0172-2561543, 2565825

Visit us : www.itclabs.com Email : customersupport@itclabs.com

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 4 of 5

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2108160525 Sample Reg. Date :16-08-2021 Report Date :13-09-2021 Report No. :ICE-2109130198 NABL ULR No. :TC592621000009898F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

u.	Sulphide as H ₂ S, (mg/l)	IS:3025(Part 29)	0.05 Max.	No Relaxation	BLQ(LOQ:0.05)
v.	Total Alkalinity(as CaCO ₃)(mg/l)	IS:3025(Part 23)	200 Max.	600 Max.	438
w.	Total Hardness(as CaCO ₃), (mg/l)	IS 3025 (Part 21)	200 Max.	600 Max.	573
x.	Zinc(as Zn)(mg/l)	IS:3025(P-65)	5 Max.	15 Max.	0.691
3. Parameters Concerning Toxic Substances					
a.	Cadmium(as Cd)(mg/l)	IS:3025(P-65)	0.003 Max.	No Relaxation	BLQ(LOQ:0.002)
b.	Cyanide(asCN)(mg/l)	IS:3025(Part 27)	0.05 Max.	No Relaxation	BLQ(LOQ:0.01)
c.	Lead(as Pb)(mg/l)	IS:3025(P-65)	0.01 Max.	No Relaxation	0.006
d.	Mercury(as Hg)(mg/l)	IS:3025(P-65)	0.001 Max.	No Relaxation	BLQ(LOQ:0.001)
e.	Molybdenum(as Mo)(mg/l)	IS:3025(P-65)	0.07 Max.	No Relaxation	BLQ(LOQ:0.002)
f.	Nickel(as Ni) (mg/l)	IS:3025(P-65)	0.02 Max.	No Relaxation	BLQ(LOQ:0.002)
g.	Total Arsenic(as As)(mg/l)	IS:3025(P-65)	0.01 Max.	No relaxation	BLQ(LOQ:0.002)
h.	Total Chromium(as Cr)(mg/l)	IS:3025(P-65)	0.05 Max.	No Relaxation	BLQ(LOQ:0.002)
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

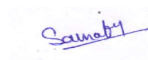
'#' represents Customer Defined Fields

NOTE : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, *Test not performed because Sample is not safe for ingestion, Sampling Procedure - SOP/ITC/EW/030,

REMARKS :N/A



13-09-2021
Gaurav Khandelwal
[Authorized Signatory]



Saurabh Sharma
13-09-2021
Reviewer



13-09-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

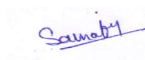
Page 5 of 5

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2108160525 Sample Reg. Date :16-08-2021 Report Date :13-09-2021 Report No. :ICE-2109130198 NABL ULR No. :TC592621000009898F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

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



13-09-2021
Gaurav Khandelwal
[Authorized Signatory]



Saurabh Sharma
13-09-2021
Reviewer



13-09-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2108301028 Sample Reg. Date :30-08-2021 Report Date :01-09-2021 Report No. :ICE-2109010034 NABL ULR No. :TC592621000009555F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: EPA Act 1986/PCLS/2010
General Information : Name of Sample Date of Monitoring Time of Monitoring Nature of Industry Purpose of Monitoring	: Ambient Noise : 28-08-2021 : Day & Night : Thermal Power Plant : 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 (Reaffirmed 2014)	Max. 75.0	56.1
b.	Near Gate No.1 (Night Time), Leq dB (A)	IS: 9989 (Reaffirmed 2014)	Max. 70.0	52.4
c.	Near Gate No.2 (Day Time), Leq dB (A)	IS: 9989 (Reaffirmed 2014)	Max. 75.0	56.2
d.	Near Gate No.2 (Night Time), Leq dB (A)	IS: 9989 (Reaffirmed 2014)	Max. 70.0	52.0
e.	Near Gate No.3 (Day Time), Leq dB (A)	IS: 9989 (Reaffirmed 2014)	Max. 75.0	56.3
f.	Near Gate No.3 (Night Time), Leq dB (A)	IS: 9989 (Reaffirmed 2014)	Max. 70.0	51.0
g.	Near Guest House (Day Time), Leq dB (A)	IS: 9989 (Reaffirmed 2014)	Max. 75.0	56.2
h.	Near Guest House (Night Time), Leq dB (A)	IS: 9989 (Reaffirmed 2014)	Max. 70.0	50.5

Saurabh Sharma
01-09-2021
Reviewer

01-09-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2108301028 Sample Reg. Date :30-08-2021 Report Date :01-09-2021 Report No. :ICE-2109010034 NABL ULR No. :TC592621000009555F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

i.	Near D Block (Day Time), Leq dB (A)	IS: 9989 (Reaffirmed 2014)	Max. 75.0	54.1
j.	Near D Block (Night Time), Leq dB (A)	IS: 9989 (Reaffirmed 2014)	Max. 70.0	49.9

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
01-09-2021
Reviewer


01-09-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

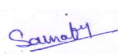
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2109070164 Sample Reg. Date :07-09-2021 Report Date :22-09-2021 Report No. :ICE-2109220502 NABL ULR No. :TC592621000010373F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information : Location of Sampling Point Date of Monitoring Time of Monitoring Purpose of Monitoring Duration of Monitoring, minutes Avg. Flow Rate of Sampling, m ³ /min Volume of air sampled, m ³ Avg. Ambient Temperature, °C	: Near Guest House : 02-09-2021 : 10:50 hrs : For Self Monitoring : 1440 : 1.33 : 1834.03 : 30

Description				
Description	Ambient Air Quality Monitoring			
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Atmospheric Pollution				
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	7.83
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	10.90
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	84.46
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	32.41
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ (LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	BLQ (LOQ:1.0)
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)


Saurabh Sharma
22-09-2021
Reviewer


22-09-2021
Prem Kumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2109070164 Sample Reg. Date :07-09-2021 Report Date :22-09-2021 Report No. :ICE-2109220502 NABL ULR No. :TC592621000010373F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

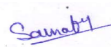
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
22-09-2021
Reviewer


22-09-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis,it will be stored as per required storage condition.
- The results relate to the item tested.

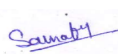
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2109070165 Sample Reg. Date :07-09-2021 Report Date :22-09-2021 Report No. :ICE-2109220503 NABL ULR No. :TC592621000010403F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information : Location of Sampling Point Date of Monitoring Time of Monitoring Purpose of Monitoring Duration of Monitoring, minutes Avg. Flow Rate of Sampling, m ³ /min Volume of air sampled, m ³ Avg. Ambient Temperature, °C	: Near Gate No.3 : 02-09-2021 : 10:20 hrs : For Self Monitoring : 1440 : 1.32 : 1820.24 : 30

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Atmospheric Pollution				
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	13.86
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	17.79
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	91.53
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	49.24
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ (LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	1.1
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)


Saurabh Sharma
22-09-2021
Reviewer


22-09-2021
Prem Kumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2109070165 Sample Reg. Date :07-09-2021 Report Date :22-09-2021 Report No. :ICE-2109220503 NABL ULR No. :TC592621000010403F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
22-09-2021
Reviewer


22-09-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis,it will be stored as per required storage condition.
- The results relate to the item tested.

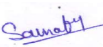
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2109070166 Sample Reg. Date :07-09-2021 Report Date :22-09-2021 Report No. :ICE-2109220504 NABL ULR No. :TC592621000010404F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Village- Khanpur
Date of Monitoring	: 02-09-2021
Time of Monitoring	: 10:00 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.33
Volume of air sampled, m ³	: 1834.03
Avg. Ambient Temperature, °C	: 30

Description				
Description	Ambient Air Quality Monitoring			
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Atmospheric Pollution				
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	16.27
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	20.09
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	95.85
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	52.61
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ (LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	1.2
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)


Saurabh Sharma
22-09-2021
Reviewer


22-09-2021
Prem Kumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2109070166 Sample Reg. Date :07-09-2021 Report Date :22-09-2021 Report No. :ICE-2109220504 NABL ULR No. :TC592621000010404F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
22-09-2021
Reviewer


22-09-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis,it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 1 of 2

Issued To	Sample Reg. No. :E01-2109070167
Jhajjar Power Limited	Sample Reg. Date :07-09-2021
Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar	Report Date :22-09-2021
Jhajjar	Report No. :ICE-2109220505
	NABL ULR No. :TC592621000010397F
	Customer Ref. No. :Order No.5030010814
	Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Shakti Vihar
Date of Monitoring	: 02-09-2021
Time of Monitoring	: 11:00 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.32
Volume of air sampled, m ³	: 1814.25
Avg. Ambient Temperature, °C	: 31

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	7.26
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	10.36
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	79.43
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	30.30
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ (LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	BLQ (LOQ:1.0)
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)

Saurabh Sharma
22-09-2021
Reviewer

22-09-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2109070167 Sample Reg. Date :07-09-2021 Report Date :22-09-2021 Report No. :ICE-2109220505 NABL ULR No. :TC592621000010397F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
22-09-2021
Reviewer


22-09-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis,it will be stored as per required storage condition.
- The results relate to the item tested.

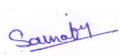
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2109130349 Sample Reg. Date :13-09-2021 Report Date :28-09-2021 Report No. :ICE-2109280725 NABL ULR No. :TC592621000010725F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information : Location of Sampling Point Date of Monitoring Time of Monitoring Purpose of Monitoring Duration of Monitoring, minutes Avg. Flow Rate of Sampling, m ³ /min Volume of air sampled, m ³ Avg. Ambient Temperature, °C	: Near Guest House : 06-09-2021 : 10:55 hrs : For Self Monitoring : 1440 : 1.33 : 1827.99 : 31

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO2),µg/m3	IS:5182(P-2)	80 Max	10.28
b.	Nitrogen Dioxide(NO2),µg/m3	IS:5182(P-6)	80 Max	14.39
c.	Particulate Matter (PM ₁₀),µg/m3	IS:5182(P-23)	100 Max	87.25
d.	Particulate matter (PM _{2.5}),µg/m3	STP/ITC/EW-01	60 Max	42.51
e.	Ozone(O ₃),µg/m3	IS:5182(P-9)	180 Max	BLQ (LOQ:14)
f.	Lead(As Pb),µg/m3	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m3	IS:5182(P-10)	4 Max	BLQ (LOQ:1.0)
h.	Ammonia(NH3),µg/m3	Method of Air Sampling &Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)


Saurabh Sharma
28-09-2021
Reviewer


28-09-2021
Prem Kumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2109130349 Sample Reg. Date :13-09-2021 Report Date :28-09-2021 Report No. :ICE-2109280725 NABL ULR No. :TC592621000010725F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

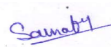
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
28-09-2021
Reviewer


28-09-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis,it will be stored as per required storage condition.
- The results relate to the item tested.

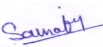
Test Report

Document QF : 2501
Page 1 of 2

Issued To	Sample Reg. No. :E01-2109130350 Sample Reg. Date :13-09-2021 Report Date :28-09-2021 Report No. :ICE-2109280726 NABL ULR No. :TC592621000010751F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020
Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Gate No.3
Date of Monitoring	: 06-09-2021
Time of Monitoring	: 10:00 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.33
Volume of air sampled, m ³	: 1822.00
Avg. Ambient Temperature, °C	: 32

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	12.74
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	16.64
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	89.57
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	43.35
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ (LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	1.3
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)


Saurabh Sharma
28-09-2021
Reviewer


28-09-2021
Prem Kumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2109130350 Sample Reg. Date :13-09-2021 Report Date :28-09-2021 Report No. :ICE-2109280726 NABL ULR No. :TC592621000010751F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
28-09-2021
Reviewer


28-09-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis,it will be stored as per required storage condition.
- The results relate to the item tested.

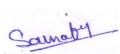
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2109130351 Sample Reg. Date :13-09-2021 Report Date :28-09-2021 Report No. :ICE-2109280727 NABL ULR No. :TC592621000010747F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information : Location of Sampling Point Date of Monitoring Time of Monitoring Purpose of Monitoring Duration of Monitoring, minutes Avg. Flow Rate of Sampling, m ³ /min Volume of air sampled, m ³ Avg. Ambient Temperature, °C	: Village- Khanpur : 06-09-2021 : 10:30 hrs : For Self Monitoring : 1440 : 1.34 : 1835.70 : 32

Description				
Description	Ambient Air Quality Monitoring			
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Atmospheric Pollution				
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	13.35
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	20.22
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	92.55
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	46.30
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ (LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	1.2
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)


Saurabh Sharma
28-09-2021
Reviewer


28-09-2021
Prem Kumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2109130351 Sample Reg. Date :13-09-2021 Report Date :28-09-2021 Report No. :ICE-2109280727 NABL ULR No. :TC592621000010747F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
28-09-2021
Reviewer


28-09-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis,it will be stored as per required storage condition.
- The results relate to the item tested.

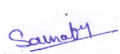
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2109130352 Sample Reg. Date :13-09-2021 Report Date :28-09-2021 Report No. :ICE-2109280728 NABL ULR No. :TC592621000010741F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information : Location of Sampling Point Date of Monitoring Time of Monitoring Purpose of Monitoring Duration of Monitoring, minutes Avg. Flow Rate of Sampling, m ³ /min Volume of air sampled, m ³ Avg. Ambient Temperature, °C	: Near Shakti Vihar : 06-09-2021 : 11:10 hrs : For Self Monitoring : 1440 : 1.33 : 1827.99 : 31

Description				
Description	Ambient Air Quality Monitoring			
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Atmospheric Pollution				
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	10.28
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	13.24
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	87.04
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	37.88
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ (LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	BLQ (LOQ:1.0)
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)


Saurabh Sharma
28-09-2021
Reviewer


28-09-2021
Prem Kumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2109130352 Sample Reg. Date :13-09-2021 Report Date :28-09-2021 Report No. :ICE-2109280728 NABL ULR No. :TC592621000010741F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
28-09-2021
Reviewer


28-09-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis,it will be stored as per required storage condition.
- The results relate to the item tested.

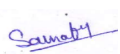
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2109130353 Sample Reg. Date :13-09-2021 Report Date :28-09-2021 Report No. :ICE-2109280729 NABL ULR No. :TC592621000010714F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information : Location of Sampling Point Date of Monitoring Time of Monitoring Purpose of Monitoring Duration of Monitoring, minutes Avg. Flow Rate of Sampling, m ³ /min Volume of air sampled, m ³ Avg. Ambient Temperature, °C	: Near Guest House : 09-09-2021 : 10:50 hrs : For Self Monitoring : 1440 : 1.32 : 1802.39 : 33

Description				
Description	Ambient Air Quality Monitoring			
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Atmospheric Pollution				
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), μg/m ³	IS:5182(P-2)	80 Max	5.48
b.	Nitrogen Dioxide(NO ₂), μg/m ³	IS:5182(P-6)	80 Max	8.69
c.	Particulate Matter (PM ₁₀), μg/m ³	IS:5182(P-23)	100 Max	81.45
d.	Particulate matter (PM _{2.5}), μg/m ³	STP/ITC/EW-01	60 Max	30.30
e.	Ozone(O ₃), μg/m ³	IS:5182(P-9)	180 Max	BLQ (LOQ:14)
f.	Lead(As Pb), μg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	BLQ (LOQ:1.0)
h.	Ammonia(NH ₃), μg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)


Saurabh Sharma
28-09-2021
Reviewer


28-09-2021
Prem Kumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2109130353 Sample Reg. Date :13-09-2021 Report Date :28-09-2021 Report No. :ICE-2109280729 NABL ULR No. :TC592621000010714F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

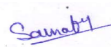
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
28-09-2021
Reviewer


28-09-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis,it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 1 of 2

Issued To	Sample Reg. No. :E01-2109130354
Jhajjar Power Limited	Sample Reg. Date :13-09-2021
Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar	Report Date :28-09-2021
Jhajjar	Report No. :ICE-2109280730
	NABL ULR No. :TC592621000010716F
	Customer Ref. No. :Order No.5030010814
	Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Gate No.3
Date of Monitoring	: 09-09-2021
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	: 1827.99
Avg. Ambient Temperature, °C	: 31

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	16.93
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	20.73
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	96.23
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	50.51
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ (LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	1.1
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)

Saurabh Sharma
28-09-2021
Reviewer

28-09-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2109130354 Sample Reg. Date :13-09-2021 Report Date :28-09-2021 Report No. :ICE-2109280730 NABL ULR No. :TC592621000010716F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
28-09-2021
Reviewer


28-09-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis,it will be stored as per required storage condition.
- The results relate to the item tested.

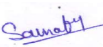
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2109130355 Sample Reg. Date :13-09-2021 Report Date :28-09-2021 Report No. :ICE-2109280731 NABL ULR No. :TC592621000010713F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information : Location of Sampling Point Date of Monitoring Time of Monitoring Purpose of Monitoring Duration of Monitoring, minutes Avg. Flow Rate of Sampling, m ³ /min Volume of air sampled, m ³ Avg. Ambient Temperature, °C	: Village- Khanpur : 09-09-2021 : 10:10 hrs : For Self Monitoring : 1440 : 1.33 : 1827.99 : 31

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Atmospheric Pollution				
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	15.12
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	19.58
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	92.78
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	47.14
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ (LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	1.2
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)


Saurabh Sharma
28-09-2021
Reviewer


28-09-2021
Prem Kumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2109130355 Sample Reg. Date :13-09-2021 Report Date :28-09-2021 Report No. :ICE-2109280731 NABL ULR No. :TC592621000010713F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
28-09-2021
Reviewer


28-09-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis,it will be stored as per required storage condition.
- The results relate to the item tested.

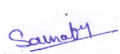
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2109130356 Sample Reg. Date :13-09-2021 Report Date :28-09-2021 Report No. :ICE-2109280732 NABL ULR No. :TC592621000010760F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information : Location of Sampling Point Date of Monitoring Time of Monitoring Purpose of Monitoring Duration of Monitoring, minutes Avg. Flow Rate of Sampling, m ³ /min Volume of air sampled, m ³ Avg. Ambient Temperature, °C	: Near Shakti Vihar : 09-09-2021 : 11:00 hrs : For Self Monitoring : 1440 : 1.34 : 1829.70 : 33

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Atmospheric Pollution				
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), μg/m ³	IS:5182(P-2)	80 Max	7.91
b.	Nitrogen Dioxide(NO ₂), μg/m ³	IS:5182(P-6)	80 Max	12.17
c.	Particulate Matter (PM ₁₀), μg/m ³	IS:5182(P-23)	100 Max	82.86
d.	Particulate matter (PM _{2.5}), μg/m ³	STP/ITC/EW-01	60 Max	34.09
e.	Ozone(O ₃), μg/m ³	IS:5182(P-9)	180 Max	BLQ (LOQ:14)
f.	Lead(As Pb), μg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	BLQ (LOQ:1.0)
h.	Ammonia(NH ₃), μg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)


Saurabh Sharma
28-09-2021
Reviewer


28-09-2021
Prem Kumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2109130356 Sample Reg. Date :13-09-2021 Report Date :28-09-2021 Report No. :ICE-2109280732 NABL ULR No. :TC592621000010760F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
28-09-2021
Reviewer


28-09-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis,it will be stored as per required storage condition.
- The results relate to the item tested.

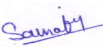
Test Report

Document QF : 2501
Page 1 of 2

Issued To	Sample Reg. No. :E01-2109230756
Jhajjar Power Limited	Sample Reg. Date :23-09-2021
Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar	Report Date :04-10-2021
Jhajjar	Report No. :ICE-2110040037
	NABL ULR No. :TC592621000011201F
	Customer Ref. No. :Order No.5030010814
	Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Guest House
Date of Monitoring	: 13-09-2021
Time of Monitoring	: 10:40 Hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.33
Volume of air sampled, m ³	: 1827.99
Avg. Ambient Temperature, °C	: 31

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	7.26
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	9.79
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	83.42
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	39.56
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ(LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ (LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	BLQ (LOQ:1.0)
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ(LOQ:5.0)


Saurabh Sharma
04-10-2021
Reviewer


04-10-2021
Prem Kumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2109230756 Sample Reg. Date :23-09-2021 Report Date :04-10-2021 Report No. :ICE-2110040037 NABL ULR No. :TC592621000011201F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

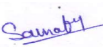
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ (LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ (LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
04-10-2021
Reviewer


04-10-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis,it will be stored as per required storage condition.
- The results relate to the item tested.

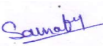
Test Report

Document QF : 2501
Page 1 of 2

Issued To	Sample Reg. No. :E01-2109230757 Sample Reg. Date :23-09-2021 Report Date :04-10-2021 Report No. :ICE-2110040038 NABL ULR No. :TC592621000011205F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020
Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Gate No. 3
Date of Monitoring	: 13-09-2021
Time of Monitoring	: 10:30 Hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.34
Volume of air sampled, m ³	: 1841.74
Avg. Ambient Temperature, °C	: 31

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	14.51
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	20.73
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	91.60
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	45.88
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ(LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ (LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	1.2


Saurabh Sharma
04-10-2021
Reviewer


04-10-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2109230757 Sample Reg. Date :23-09-2021 Report Date :04-10-2021 Report No. :ICE-2110040038 NABL ULR No. :TC592621000011205F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

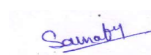
h.	Ammonia(NH ₃),µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ(LOQ:5.0)
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ (LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ (LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS : N/A

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


Saurabh Sharma
04-10-2021
Reviewer


04-10-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

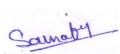
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2109230758 Sample Reg. Date :23-09-2021 Report Date :04-10-2021 Report No. :ICE-2110040039 NABL ULR No. :TC592621000011202F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Village - Khanpur
Date of Monitoring	: 13-09-2021
Time of Monitoring	: 10:10 Hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.33
Volume of air sampled, m ³	: 1822.00
Avg. Ambient Temperature, °C	: 32

Description				
Description	Ambient Air Quality Monitoring			
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Atmospheric Pollution				
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	18.20
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	21.95
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	95.77
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	53.03
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ(LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ (LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	1.3
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ(LOQ:5.0)


Saurabh Sharma
04-10-2021
Reviewer


04-10-2021
Prem Kumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2109230758 Sample Reg. Date :23-09-2021 Report Date :04-10-2021 Report No. :ICE-2110040039 NABL ULR No. :TC592621000011202F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ (LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ (LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
04-10-2021
Reviewer


04-10-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis,it will be stored as per required storage condition.
- The results relate to the item tested.

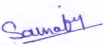
Test Report

Document QF : 2501
Page 1 of 2

Issued To	Sample Reg. No. :E01-2109230759 Sample Reg. Date :23-09-2021 Report Date :04-10-2021 Report No. :ICE-2110040040 NABL ULR No. :TC592621000011206F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020
Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Shakti Vihar
Date of Monitoring	: 13-09-2021
Time of Monitoring	: 11:00 Hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.33
Volume of air sampled, m ³	: 1835.70
Avg. Ambient Temperature, °C	: 32

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	8.49
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	13.86
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	81.06
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	34.93
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ(LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ (LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	BLQ (LOQ:1.0)


Saurabh Sharma
04-10-2021
Reviewer


04-10-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2109230759 Sample Reg. Date :23-09-2021 Report Date :04-10-2021 Report No. :ICE-2110040040 NABL ULR No. :TC592621000011206F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

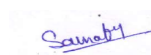
h.	Ammonia(NH ₃),µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ(LOQ:5.0)
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ (LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ (LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
04-10-2021
Reviewer


04-10-2021
PremKumar
[Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.
(ISO 9001:2015 & 14001:2015 OHSAS 18001:2007 Certified Laboratory)
(A Government Approved Test House)
86, Industrial Area, Phase-1, Panchkula-134109 (Haryana)
Phone : (O) 0172-2561543, 2565825
Visit us : www.itclabs.com Email : customersupport@itclabs.com

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 1 of 2

Issued To	Sample Reg. No. :E01-2109230760
Jhajjar Power Limited	Sample Reg. Date :23-09-2021
Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar	Report Date :04-10-2021
Jhajjar	Report No. :ICE-2110040041
	NABL ULR No. :TC592621000011203F
	Customer Ref. No. :Order No.5030010814
	Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Guest House
Date of Monitoring	: 16-09-2021
Time of Monitoring	: 09:40 Hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.33
Volume of air sampled, m ³	: 1822.00
Avg. Ambient Temperature, °C	: 32

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	8.49
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	11.55
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	86.66
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	39.98
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ(LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ (LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	BLQ (LOQ:1.0)
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ(LOQ:5.0)

Saurabh Sharma
Saurabh Sharma
04-10-2021
Reviewer

Prem Kumar
04-10-2021
Prem Kumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2109230760 Sample Reg. Date :23-09-2021 Report Date :04-10-2021 Report No. :ICE-2110040041 NABL ULR No. :TC592621000011203F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

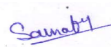
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ (LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ (LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
04-10-2021
Reviewer


04-10-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis,it will be stored as per required storage condition.
- The results relate to the item tested.

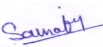
Test Report

Document QF : 2501
Page 1 of 2

Issued To	Sample Reg. No. :E01-2109230761 Sample Reg. Date :23-09-2021 Report Date :04-10-2021 Report No. :ICE-2110040042 NABL ULR No. :TC592621000011207F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020
Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Gate No. 3
Date of Monitoring	: 16-09-2021
Time of Monitoring	: 09:20 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	: 1822.00
Avg. Ambient Temperature, °C	: 32

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	12.13
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	16.75
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	94.29
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	50.08
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ(LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ (LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	1.3
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ(LOQ:5.0)


Saurabh Sharma
04-10-2021
Reviewer


04-10-2021
Prem Kumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2109230761 Sample Reg. Date :23-09-2021 Report Date :04-10-2021 Report No. :ICE-2110040042 NABL ULR No. :TC592621000011207F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ (LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ (LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
04-10-2021
Reviewer


04-10-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis,it will be stored as per required storage condition.
- The results relate to the item tested.

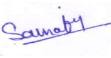
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2109230762
	Sample Reg. Date :23-09-2021
	Report Date :04-10-2021
	Report No. :ICE-2110040043
	NABL ULR No. :TC592621000011204F
	Customer Ref. No. :Order No.5030010814
	Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Village - Khanpur
Date of Monitoring	: 16-09-2021
Time of Monitoring	: 09:00 Hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.33
Volume of air sampled, m ³	: 1822.00
Avg. Ambient Temperature, °C	: 32

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	16.38
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	20.22
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	91.22
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	51.35
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ(LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ (LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	1.2
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ(LOQ:5.0)


Saurabh Sharma
04-10-2021
Reviewer


04-10-2021
Prem Kumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2109230762 Sample Reg. Date :23-09-2021 Report Date :04-10-2021 Report No. :ICE-2110040043 NABL ULR No. :TC592621000011204F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ (LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ (LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
04-10-2021
Reviewer


04-10-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis,it will be stored as per required storage condition.
- The results relate to the item tested.

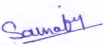
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2109230763 Sample Reg. Date :23-09-2021 Report Date :04-10-2021 Report No. :ICE-2110040044 NABL ULR No. :TC592621000011208F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information : Location of Sampling Point Date of Monitoring Time of Monitoring Purpose of Monitoring Duration of Monitoring, minutes Avg. Flow Rate of Sampling, m ³ /min Volume of air sampled, m ³ Avg. Ambient Temperature, °C	: Near Shakti Vihar : 16-09-2021 : 10:00 Hrs : For Self Monitoring : 1440 : 1.34 : 1835.70 : 32

Description				
Description	Ambient Air Quality Monitoring			
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Atmospheric Pollution				
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	6.07
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	10.40
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	79.21
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	35.35
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ(LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ (LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	BLQ (LOQ:1.0)


Saurabh Sharma
04-10-2021
Reviewer


04-10-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2109230763 Sample Reg. Date :23-09-2021 Report Date :04-10-2021 Report No. :ICE-2110040044 NABL ULR No. :TC592621000011208F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

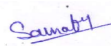
h.	Ammonia(NH ₃),µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ(LOQ:5.0)
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.5)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ (LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ (LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
04-10-2021
Reviewer


04-10-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

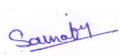
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2109280982 Sample Reg. Date :28-09-2021 Report Date :04-10-2021 Report No. :ICE-2110040045 NABL ULR No. :TC592621000011209F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information : Location of Sampling Point Date of Monitoring Time of Monitoring Purpose of Monitoring Duration of Monitoring, minutes Avg. Flow Rate of Sampling, m ³ /min Volume of air sampled, m ³ Avg. Ambient Temperature, °C	: Near Guest House : 20-09-2021 : 11:30 Hrs : For Self Monitoring : 1440 : 1.33 : 1822.00 : 32

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Atmospheric Pollution				
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	5.46
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	9.24
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	79.86
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	37.46
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ(LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	BLQ (LOQ:1.0)
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ(LOQ:5.0)


Saurabh Sharma
04-10-2021
Reviewer


04-10-2021
Prem Kumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2109280982 Sample Reg. Date :28-09-2021 Report Date :04-10-2021 Report No. :ICE-2110040045 NABL ULR No. :TC592621000011209F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

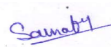
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.05)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
04-10-2021
Reviewer


04-10-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis,it will be stored as per required storage condition.
- The results relate to the item tested.

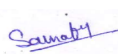
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2109280983 Sample Reg. Date :28-09-2021 Report Date :04-10-2021 Report No. :ICE-2110040047 NABL ULR No. :TC592621000011215F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information : Location of Sampling Point Date of Monitoring Time of Monitoring Purpose of Monitoring Duration of Monitoring, minutes Avg. Flow Rate of Sampling, m ³ /min Volume of air sampled, m ³ Avg. Ambient Temperature, °C	: Near Gate No. 3 : 20-09-2021 : 11:20 Hrs : For Self Monitoring : 1440 : 1.34 : 1841.74 : 31

Description				
Description	Ambient Air Quality Monitoring			
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Atmospheric Pollution				
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	15.12
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	19.58
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	90.19
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	47.56
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ(LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	1.2
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ(LOQ:5.0)


Saurabh Sharma
04-10-2021
Reviewer


04-10-2021
Prem Kumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2109280983 Sample Reg. Date :28-09-2021 Report Date :04-10-2021 Report No. :ICE-2110040047 NABL ULR No. :TC592621000011215F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.05)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
04-10-2021
Reviewer


04-10-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis,it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

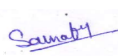
Document QF : 2501

Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2109280984 Sample Reg. Date :28-09-2021 Report Date :04-10-2021 Report No. :ICE-2110040046 NABL ULR No. :TC592621000011210F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information : Location of Sampling Point : Village - Khanpur Date of Monitoring : 20-09-2021 Time of Monitoring : 11:00 Hrs Purpose of Monitoring : For Self Monitoring Duration of Monitoring, minutes : 1440 Avg. Flow Rate of Sampling, m ³ /min : 1.33 Volume of air sampled, m ³ : 1822.00 Avg. Ambient Temperature, °C : 32	

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO2),µg/m3	IS:5182(P-2)	80 Max	17.59
b.	Nitrogen Dioxide(NO2),µg/m3	IS:5182(P-6)	80 Max	23.68
c.	Particulate Matter (PM ₁₀),µg/m3	IS:5182(P-23)	100 Max	96.43
d.	Particulate matter (PM _{2.5}),µg/m3	STP/ITC/EW-01	60 Max	54.29
e.	Ozone(O ₃),µg/m3	IS:5182(P-9)	180 Max	BLQ(LOQ:14)
f.	Lead(As Pb),µg/m3	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO),mg/m3	IS:5182(P-10)	4 Max	1.3
h.	Ammonia(NH3),µg/m3	Method of Air Sampling &Analysis(Method No. 401)	400 Max	BLQ(LOQ:5.0)


Saurabh Sharma
04-10-2021
Reviewer


04-10-2021
Prem Kumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2109280984 Sample Reg. Date :28-09-2021 Report Date :04-10-2021 Report No. :ICE-2110040046 NABL ULR No. :TC592621000011210F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.05)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
04-10-2021
Reviewer


04-10-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis,it will be stored as per required storage condition.
- The results relate to the item tested.

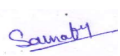
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2109280985 Sample Reg. Date :28-09-2021 Report Date :04-10-2021 Report No. :ICE-2110040049 NABL ULR No. :TC592621000011213F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information : Location of Sampling Point Date of Monitoring Time of Monitoring Purpose of Monitoring Duration of Monitoring, minutes Avg. Flow Rate of Sampling, m ³ /min Volume of air sampled, m ³ Avg. Ambient Temperature, °C	: Near Shakti Vihar : 20-09-2021 : 11:50 Hrs : For Self Monitoring : 1440 : 1.33 : 1835.70 : 32

Description				
Description	Ambient Air Quality Monitoring			
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Atmospheric Pollution				
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), μg/m ³	IS:5182(P-2)	80 Max	7.89
b.	Nitrogen Dioxide(NO ₂), μg/m ³	IS:5182(P-6)	80 Max	12.13
c.	Particulate Matter (PM ₁₀), μg/m ³	IS:5182(P-23)	100 Max	82.58
d.	Particulate matter (PM _{2.5}), μg/m ³	STP/ITC/EW-01	60 Max	38.30
e.	Ozone(O ₃), μg/m ³	IS:5182(P-9)	180 Max	BLQ(LOQ:14)
f.	Lead(As Pb), μg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	BLQ (LOQ:1.0)
h.	Ammonia(NH ₃), μg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ(LOQ:5.0)


Saurabh Sharma
04-10-2021
Reviewer


04-10-2021
Prem Kumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2109280985 Sample Reg. Date :28-09-2021 Report Date :04-10-2021 Report No. :ICE-2110040049 NABL ULR No. :TC592621000011213F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

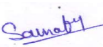
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.05)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
04-10-2021
Reviewer


04-10-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis,it will be stored as per required storage condition.
- The results relate to the item tested.

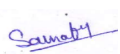
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2109280986 Sample Reg. Date :28-09-2021 Report Date :04-10-2021 Report No. :ICE-2110040050 NABL ULR No. :TC592621000011211F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information : Location of Sampling Point Date of Monitoring Time of Monitoring Purpose of Monitoring Duration of Monitoring, minutes Avg. Flow Rate of Sampling, m ³ /min Volume of air sampled, m ³ Avg. Ambient Temperature, °C	: Near Guest House : 23-09-2021 : 10:50 Hrs : Fir Self Monitoring : 1440 : 1.34 : 1829.70 : 33

Description				
Description	Ambient Air Quality Monitoring			
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Atmospheric Pollution				
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	7.30
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	9.85
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	84.17
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	40.40
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ(LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	BLQ (LOQ:1.0)
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ(LOQ:5.0)


Saurabh Sharma
04-10-2021
Reviewer


04-10-2021
Prem Kumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2109280986 Sample Reg. Date :28-09-2021 Report Date :04-10-2021 Report No. :ICE-2110040050 NABL ULR No. :TC592621000011211F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

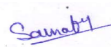
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.05)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
04-10-2021
Reviewer


04-10-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis,it will be stored as per required storage condition.
- The results relate to the item tested.

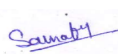
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2109280987 Sample Reg. Date :28-09-2021 Report Date :04-10-2021 Report No. :ICE-2110040051 NABL ULR No. :TC592621000011216F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information : Location of Sampling Point Date of Monitoring Time of Monitoring Purpose of Monitoring Duration of Monitoring, minutes Avg. Flow Rate of Sampling, m ³ /min Volume of air sampled, m ³ Avg. Ambient Temperature, °C	: Near Gate No. 3 : 23-09-2021 : 10:30 Hrs : For Self Monitoring : 1440 : 1.33 : 1816.05 : 33

Description				
Description	Ambient Air Quality Monitoring			
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Atmospheric Pollution				
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	14.00
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	18.55
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	93.89
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	52.61
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ(LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	1.3
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ(LOQ:5.0)


Saurabh Sharma
04-10-2021
Reviewer


04-10-2021
Prem Kumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2109280987 Sample Reg. Date :28-09-2021 Report Date :04-10-2021 Report No. :ICE-2110040051 NABL ULR No. :TC592621000011216F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.05)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
04-10-2021
Reviewer


04-10-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis,it will be stored as per required storage condition.
- The results relate to the item tested.

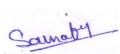
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2109280988 Sample Reg. Date :28-09-2021 Report Date :04-10-2021 Report No. :ICE-2110040052 NABL ULR No. :TC592621000011214F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information : Location of Sampling Point Date of Monitoring Time of Monitoring Purpose of Monitoring Duration of Monitoring, minutes Avg. Flow Rate of Sampling, m ³ /min Volume of air sampled, m ³ Avg. Ambient Temperature, °C	: Village - Khanpur : 23-09-2021 : 10:00 Hrs : For Self Monitoring : 1440 : 1.35 : 1849.40 : 32

Description				
Description	Ambient Air Quality Monitoring			
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Atmospheric Pollution				
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	15.17
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	21.37
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	94.35
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	49.24
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ(LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.10)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	1.4
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ(LOQ:5.0)


Saurabh Sharma
04-10-2021
Reviewer


04-10-2021
Prem Kumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2109280988 Sample Reg. Date :28-09-2021 Report Date :04-10-2021 Report No. :ICE-2110040052 NABL ULR No. :TC592621000011214F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.05)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
04-10-2021
Reviewer


04-10-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis,it will be stored as per required storage condition.
- The results relate to the item tested.

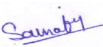
Test Report

Document QF : 2501
Page 1 of 2

Issued To	Sample Reg. No. :E01-2109280989 Sample Reg. Date :28-09-2021 Report Date :04-10-2021 Report No. :ICE-2110040048 NABL ULR No. :TC592621000011212F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020
Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Shakti Vihar
Date of Monitoring	: 23-09-2021
Time of Monitoring	: 11:10 Hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.34
Volume of air sampled, m ³	: 1835.70
Avg. Ambient Temperature, °C	: 32

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	5.46
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	9.24
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	78.77
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	34.51
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ(LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	BLQ (LOQ:1.0)
h.	Ammonia(NH ₃), µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ(LOQ:5.0)


Saurabh Sharma
04-10-2021
Reviewer


04-10-2021
Prem Kumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2109280989 Sample Reg. Date :28-09-2021 Report Date :04-10-2021 Report No. :ICE-2110040048 NABL ULR No. :TC592621000011212F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.05)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
04-10-2021
Reviewer


04-10-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis,it will be stored as per required storage condition.
- The results relate to the item tested.

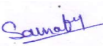
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2110040010 Sample Reg. Date :04-10-2021 Report Date :11-10-2021 Report No. :ICE-2110110322 NABL ULR No. :TC592621000011568F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information : Location of Sampling Point Date of Monitoring Time of Monitoring Purpose of Monitoring Duration of Monitoring, minutes Avg. Flow Rate of Sampling, m ³ /min Volume of air sampled, m ³ Avg. Ambient Temperature, °C	: Near Gate No.3 : 27-09-2021 : 10:50 hrs : For Self Monitoring : 1440 : 1.33 : 1801.32 : 33

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Atmospheric Pollution				
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	15.34
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	20.45
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	95.54
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	51.35
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ (LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	1.2


Saurabh Sharma
11-10-2021
Reviewer


11-10-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- The report is only for the sample tested.
- Total liability of ITC Labs is limited to the invoiced amount.
- The test report shall not be reproduced except in full without the written approval of the laboratory.
- If samples not consumed during analysis, it will be stored and retain as per company policy.
- Samples not drawn by us unless otherwise stated.
- Test report in full or parts shall not be used for promotional or publicity purposes.
- Legal disputes are subjected to Panchkula Jurisdiction only.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2110040010 Sample Reg. Date :04-10-2021 Report Date :11-10-2021 Report No. :ICE-2110110322 NABL ULR No. :TC592621000011568F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

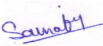
h.	Ammonia(NH ₃),µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.05)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
11-10-2021
Reviewer


11-10-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- The report is only for the sample tested.
- Total liability of ITC Labs is limited to the invoiced amount.
- The test report shall not be reproduced except in full without the written approval of the laboratory.
- If samples not consumed during analysis, it will be stored and retain as per company policy.
- Samples not drawn by us unless otherwise stated.
- Test report in full or parts shall not be used for promotional or publicity purposes.
- Legal disputes are subjected to Panchkula Jurisdiction only.

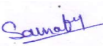
Test Report

Document QF : 2501
Page 1 of 2

Issued To	Sample Reg. No. :E01-2110040011
Jhajjar Power Limited	Sample Reg. Date :04-10-2021
Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar	Report Date :11-10-2021
Jhajjar	Report No. :ICE-2110110323
	NABL ULR No. :TC592621000011569F
	Customer Ref. No. :Order No.5030010814
	Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Village- Khanpur
Date of Monitoring	: 27-09-2021
Time of Monitoring	: 10:00 hrs
Purpose of Monitoring	: For Self Monitoring
Duration of Monitoring, minutes	: 1440
Avg. Flow Rate of Sampling, m ³ /min	: 1.33
Volume of air sampled, m ³	: 1822.00
Avg. Ambient Temperature, °C	: 32

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	15.17
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	20.80
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	96.65
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	54.29
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ (LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	1.1


Saurabh Sharma
11-10-2021
Reviewer


11-10-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- The report is only for the sample tested.
- Total liability of ITC Labs is limited to the invoiced amount.
- The test report shall not be reproduced except in full without the written approval of the laboratory.
- If samples not consumed during analysis, it will be stored and retain as per company policy.
- Samples not drawn by us unless otherwise stated.
- Test report in full or parts shall not be used for promotional or publicity purposes.
- Legal disputes are subjected to Panchkula Jurisdiction only.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2110040011 Sample Reg. Date :04-10-2021 Report Date :11-10-2021 Report No. :ICE-2110110323 NABL ULR No. :TC592621000011569F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

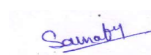
h.	Ammonia(NH ₃),µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.05)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS : N/A

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


Saurabh Sharma
11-10-2021
Reviewer


11-10-2021
Prem Kumar
[Authorized Signatory]

Disclaimer :

- The report is only for the sample tested.
- Total liability of ITC Labs is limited to the invoiced amount.
- The test report shall not be reproduced except in full without the written approval of the laboratory.
- If samples not consumed during analysis, it will be stored and retain as per company policy.
- Samples not drawn by us unless otherwise stated.
- Test report in full or parts shall not be used for promotional or publicity purposes.
- Legal disputes are subjected to Panchkula Jurisdiction only.

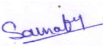
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2110040012 Sample Reg. Date :04-10-2021 Report Date :11-10-2021 Report No. :ICE-2110110324 NABL ULR No. :TC592621000011570F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information : Location of Sampling Point Date of Monitoring Time of Monitoring Purpose of Monitoring Duration of Monitoring, minutes Avg. Flow Rate of Sampling, m ³ /min Volume of air sampled, m ³ Avg. Ambient Temperature, °C	: Near Shakti Vihar : 27-09-2021 : 11:10 hrs : For Self Monitoring : 1440 : 1.33 : 1801.32 : 33

Description				
Description	Ambient Air Quality Monitoring			
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Atmospheric Pollution				
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	5.52
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	8.76
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	83.66
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	41.25
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ (LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	BLQ (LOQ:1.0)


Saurabh Sharma
11-10-2021
Reviewer


11-10-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- The report is only for the sample tested.
- Total liability of ITC Labs is limited to the invoiced amount.
- The test report shall not be reproduced except in full without the written approval of the laboratory.
- If samples not consumed during analysis, it will be stored and retain as per company policy.
- Samples not drawn by us unless otherwise stated.
- Test report in full or parts shall not be used for promotional or publicity purposes.
- Legal disputes are subjected to Panchkula Jurisdiction only.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2110040012 Sample Reg. Date :04-10-2021 Report Date :11-10-2021 Report No. :ICE-2110110324 NABL ULR No. :TC592621000011570F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

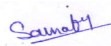
h.	Ammonia(NH ₃),µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.05)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
11-10-2021
Reviewer


11-10-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- The report is only for the sample tested.
- Total liability of ITC Labs is limited to the invoiced amount.
- The test report shall not be reproduced except in full without the written approval of the laboratory.
- If samples not consumed during analysis, it will be stored and retain as per company policy.
- Samples not drawn by us unless otherwise stated.
- Test report in full or parts shall not be used for promotional or publicity purposes.
- Legal disputes are subjected to Panchkula Jurisdiction only.

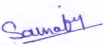
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2110040009 Sample Reg. Date :04-10-2021 Report Date :08-10-2021 Report No. :ICE-2110080316 NABL ULR No. :TC592621000011551F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information : Location of Sampling Point Date of Monitoring Time of Monitoring Purpose of Monitoring Duration of Monitoring, minutes Avg. Flow Rate of Sampling, m ³ /min Volume of air sampled, m ³ Avg. Ambient Temperature, °C	: Near Guest House : 27.09.2021 : 10:30 Hrs : For Self Monitoring : 1440 : 1.33 : 1807.23 : 32

Description				
Description	Ambient Air Quality Monitoring			
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Atmospheric Pollution				
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	8.56
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	12.81
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	83.89
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	39.98
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ (LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	BLQ (LOQ:1.0)


Saurabh Sharma
08-10-2021
Reviewer


08-10-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- The report is only for the sample tested.
- Total liability of ITC Labs is limited to the invoiced amount.
- The test report shall not be reproduced except in full without the written approval of the laboratory.
- If samples not consumed during analysis, it will be stored and retain as per company policy.
- Samples not drawn by us unless otherwise stated.
- Test report in full or parts shall not be used for promotional or publicity purposes.
- Legal disputes are subjected to Panchkula Jurisdiction only.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2110040009 Sample Reg. Date :04-10-2021 Report Date :08-10-2021 Report No. :ICE-2110080316 NABL ULR No. :TC592621000011551F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

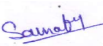
h.	Ammonia(NH ₃),µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.05)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
08-10-2021
Reviewer


08-10-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- The report is only for the sample tested.
- Total liability of ITC Labs is limited to the invoiced amount.
- The test report shall not be reproduced except in full without the written approval of the laboratory.
- If samples not consumed during analysis, it will be stored and retain as per company policy.
- Samples not drawn by us unless otherwise stated.
- Test report in full or parts shall not be used for promotional or publicity purposes.
- Legal disputes are subjected to Panchkula Jurisdiction only.

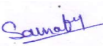
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2110040013 Sample Reg. Date :04-10-2021 Report Date :11-10-2021 Report No. :ICE-2110110325 NABL ULR No. :TC592621000011567F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information : Location of Sampling Point Date of Monitoring Time of Monitoring Purpose of Monitoring Duration of Monitoring, minutes Avg. Flow Rate of Sampling, m ³ /min Volume of air sampled, m ³ Avg. Ambient Temperature, °C	: Near Guest House : 30-09-2021 : 11:00 hrs : For Self Monitoring : 1440 : 1.33 : 1801.32 : 33

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Atmospheric Pollution				
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	9.20
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	14.61
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	80.22
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	37.88
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ (LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	BLQ (LOQ:1.0)


Saurabh Sharma
11-10-2021
Reviewer


11-10-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- The report is only for the sample tested.
- Total liability of ITC Labs is limited to the invoiced amount.
- The test report shall not be reproduced except in full without the written approval of the laboratory.
- If samples not consumed during analysis, it will be stored and retain as per company policy.
- Samples not drawn by us unless otherwise stated.
- Test report in full or parts shall not be used for promotional or publicity purposes.
- Legal disputes are subjected to Panchkula Jurisdiction only.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2110040013 Sample Reg. Date :04-10-2021 Report Date :11-10-2021 Report No. :ICE-2110110325 NABL ULR No. :TC592621000011567F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

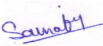
h.	Ammonia(NH ₃),µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.05)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS : N/A

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


Saurabh Sharma
11-10-2021
Reviewer


11-10-2021
Prem Kumar
[Authorized Signatory]

Disclaimer :

- The report is only for the sample tested.
- Total liability of ITC Labs is limited to the invoiced amount.
- The test report shall not be reproduced except in full without the written approval of the laboratory.
- If samples not consumed during analysis, it will be stored and retain as per company policy.
- Samples not drawn by us unless otherwise stated.
- Test report in full or parts shall not be used for promotional or publicity purposes.
- Legal disputes are subjected to Panchkula Jurisdiction only.

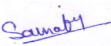
Test Report

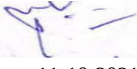
Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2110040015 Sample Reg. Date :04-10-2021 Report Date :11-10-2021 Report No. :ICE-2110110327 NABL ULR No. :TC592621000011565F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information : Location of Sampling Point Date of Monitoring Time of Monitoring Purpose of Monitoring Duration of Monitoring, minutes Avg. Flow Rate of Sampling, m ³ /min Volume of air sampled, m ³ Avg. Ambient Temperature, °C	: Village- Khanpur : 30-09-2021 : 10:00 hrs : For Self Monitoring : 1440 : 1.34 : 1823.74 : 34

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Atmospheric Pollution				
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	17.71
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	22.09
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	94.09
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	52.61
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ (LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	1.3


Saurabh Sharma
11-10-2021
Reviewer


11-10-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- The report is only for the sample tested.
- Total liability of ITC Labs is limited to the invoiced amount.
- The test report shall not be reproduced except in full without the written approval of the laboratory.
- If samples not consumed during analysis, it will be stored and retain as per company policy.
- Samples not drawn by us unless otherwise stated.
- Test report in full or parts shall not be used for promotional or publicity purposes.
- Legal disputes are subjected to Panchkula Jurisdiction only.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2110040015 Sample Reg. Date :04-10-2021 Report Date :11-10-2021 Report No. :ICE-2110110327 NABL ULR No. :TC592621000011565F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

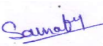
h.	Ammonia(NH ₃),µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.05)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
11-10-2021
Reviewer


11-10-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- The report is only for the sample tested.
- Total liability of ITC Labs is limited to the invoiced amount.
- The test report shall not be reproduced except in full without the written approval of the laboratory.
- If samples not consumed during analysis, it will be stored and retain as per company policy.
- Samples not drawn by us unless otherwise stated.
- Test report in full or parts shall not be used for promotional or publicity purposes.
- Legal disputes are subjected to Panchkula Jurisdiction only.

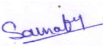
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2110040016 Sample Reg. Date :04-10-2021 Report Date :11-10-2021 Report No. :ICE-2110110328 NABL ULR No. :TC592621000011564F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information : Location of Sampling Point Date of Monitoring Time of Monitoring Purpose of Monitoring Duration of Monitoring, minutes Avg. Flow Rate of Sampling, m ³ /min Volume of air sampled, m ³ Avg. Ambient Temperature, °C	: Near Shakti Vihar : 30-09-2021 : 11:30 hrs : For Self Monitoring : 1440 : 1.33 : 1795.45 : 34

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Atmospheric Pollution				
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	7.39
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	11.72
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	81.04
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	37.46
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ (LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	BLQ (LOQ:1.0)


Saurabh Sharma
11-10-2021
Reviewer


11-10-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- The report is only for the sample tested.
- Total liability of ITC Labs is limited to the invoiced amount.
- The test report shall not be reproduced except in full without the written approval of the laboratory.
- If samples not consumed during analysis, it will be stored and retain as per company policy.
- Samples not drawn by us unless otherwise stated.
- Test report in full or parts shall not be used for promotional or publicity purposes.
- Legal disputes are subjected to Panchkula Jurisdiction only.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2110040016 Sample Reg. Date :04-10-2021 Report Date :11-10-2021 Report No. :ICE-2110110328 NABL ULR No. :TC592621000011564F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

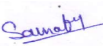
h.	Ammonia(NH ₃),µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.05)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS : N/A

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


Saurabh Sharma
11-10-2021
Reviewer


11-10-2021
Prem Kumar
[Authorized Signatory]

Disclaimer :

- The report is only for the sample tested.
- Total liability of ITC Labs is limited to the invoiced amount.
- The test report shall not be reproduced except in full without the written approval of the laboratory.
- If samples not consumed during analysis, it will be stored and retain as per company policy.
- Samples not drawn by us unless otherwise stated.
- Test report in full or parts shall not be used for promotional or publicity purposes.
- Legal disputes are subjected to Panchkula Jurisdiction only.

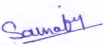
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2110040014
	Sample Reg. Date :04-10-2021
	Report Date :11-10-2021
	Report No. :ICE-2110110326
	NABL ULR No. :TC592621000011566F
	Customer Ref. No. :Order No.5030010814
	Letter Dated :29.10.2020

Test Report as per :	: NAAQS 2009
General Information :	
Location of Sampling Point	: Near Gate No.3
Date of Monitoring	: 30-09-2021
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	: 1795.45
Avg. Ambient Temperature, °C	: 34

Description				
Description		Ambient Air Quality Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	Ambient Air Quality Parameters			
a.	Sulphur Dioxide(SO ₂), µg/m ³	IS:5182(P-2)	80 Max	13.54
b.	Nitrogen Dioxide(NO ₂), µg/m ³	IS:5182(P-6)	80 Max	19.34
c.	Particulate Matter (PM ₁₀), µg/m ³	IS:5182(P-23)	100 Max	92.34
d.	Particulate matter (PM _{2.5}), µg/m ³	STP/ITC/EW-01	60 Max	48.82
e.	Ozone(O ₃), µg/m ³	IS:5182(P-9)	180 Max	BLQ (LOQ:14)
f.	Lead(As Pb), µg/m ³	Method of Air sampling & Analysis(Method No. 822)	1.0 Max	BLQ(LOQ:0.1)
g.	Carbon Monoxide(CO), mg/m ³	IS:5182(P-10)	4 Max	1.1


Saurabh Sharma
11-10-2021
Reviewer


11-10-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- The report is only for the sample tested.
- Total liability of ITC Labs is limited to the invoiced amount.
- The test report shall not be reproduced except in full without the written approval of the laboratory.
- If samples not consumed during analysis, it will be stored and retain as per company policy.
- Samples not drawn by us unless otherwise stated.
- Test report in full or parts shall not be used for promotional or publicity purposes.
- Legal disputes are subjected to Panchkula Jurisdiction only.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2110040014 Sample Reg. Date :04-10-2021 Report Date :11-10-2021 Report No. :ICE-2110110326 NABL ULR No. :TC592621000011566F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

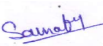
h.	Ammonia(NH ₃),µg/m ³	Method of Air Sampling & Analysis(Method No. 401)	400 Max	BLQ (LOQ:5.0)
i.	Benzene (C ₆ H ₆),µg/m ³	IS 5182 (Part 11)	5 Max	BLQ (LOQ:1.0)
j.	Benzo (a) Pyrene Particulate Phase only,ng/m ³	IS 5182: (Part 12)	1 Max	BLQ(LOQ:0.05)
k.	Arsenic(as As),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	6 Max.	BLQ(LOQ:1.0)
l.	Nickel(As Ni),ng/m ³	Method of Air sampling & Analysis(Method No. 822)	20 Max.	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
11-10-2021
Reviewer


11-10-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- The report is only for the sample tested.
- Total liability of ITC Labs is limited to the invoiced amount.
- The test report shall not be reproduced except in full without the written approval of the laboratory.
- If samples not consumed during analysis, it will be stored and retain as per company policy.
- Samples not drawn by us unless otherwise stated.
- Test report in full or parts shall not be used for promotional or publicity purposes.
- Legal disputes are subjected to Panchkula Jurisdiction only.

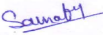
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2109030036 Sample Reg. Date :03-09-2021 Report Date :14-09-2021 Report No. :ICE-2109140258 NABL ULR No. :TC592621000009937F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: EPA Act 1986/PCLS/2010
General Information : Date of Monitoring Time of Monitoring Name of the emission source monitored (a) Rated Capacity (b) Capacity on sampling day (c) Type of fuel used & its consumption (d) Normal operating schedule 2. Stack Identification 3.Type of Stack/Duct 4.Stack Height from Ground Level(m) Diameter of the Stack(cm) (6) Sampling Duration(minutes) Purpose of Monitoring (8) Air Pollution control measure (a) Status (b) Recovery of Material (9) Fugitive Emission,if any Observations : Flue Gas Temperature, °C,Avg. Flue Gas Velocity(m/s),Avg. Volumetric Flow Rate(Nm ³ /hr.) Ambient Air Temperature, °C	: 02-09-2021 : 15:20 hrs to 15:44 hrs : Stack Emission of Boiler : 660 MW : 614 MW : Coal & 448 Ton/hr : 24 hrs : Stack attached to Boiler, Unit-I (at 65 meter's height) : Metal : 275 : 700 : 24 : For Self Monitoring : ESP + FGD + FF + Low NOx Burner : Working : - : Nil : 61 : 24.41 : 2880772.70 : 35

S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	General Parameters			


Saurabh Sharma
14-09-2021
Reviewer


14-09-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2109030036 Sample Reg. Date :03-09-2021 Report Date :14-09-2021 Report No. :ICE-2109140258 NABL ULR No. :TC592621000009937F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

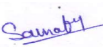
a.	Particulate Matter, mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-1)	Max. 50	26.75
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-2)	Max. 200	153.34
c.	Oxides of Nitrogen (NO _x), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-7)	Max. 450	194.45
d.	Mercury(As Hg),mg/Nm ³	USEPA Method	Max. 0.03	BLQ(LOQ:0.01)
e.	Carbon Monoxide(CO),% v/v	IS:13270	Max. 1.0	0.2
f.	Moisture, % by mass	IS: 11255 (P-3)	Not Specified	5.2

'#' represents Customer Defined Fields

NOTE : NA- Not Applicable, NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per EPA Act 1986/PCLS/2010, Sample collected by lab rep. on dated 02.09.2021, Sampling Procedure - SOP/ITC/EW/056

REMARKS : N/A

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


Saurabh Sharma
14-09-2021
Reviewer


14-09-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

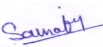
Test Report

Document QF : 2501
Page 1 of 2

Issued To	Sample Reg. No. :E01-2109060163 Sample Reg. Date :06-09-2021 Report Date :14-09-2021 Report No. :ICE-2109140259 NABL ULR No. :TC592621000009936F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020
Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	

Test Report as per :	: EPA Act 1986/PCLS/2010
General Information :	
Date of Monitoring	: 03-09-2021
Time of Monitoring	: 16:20 hrs to 16:44 hrs
Name of the emission source monitored	: Stack Emission of Boiler
(a) Rated Capacity	: 660 MW
(b) Capacity on sampling day	: 610 MW
(c) Type of fuel used & its consumption	: Coal & 369 Ton/hr
(d) Normal operating schedule	: 24 hrs
2. Stack Identification	: Stack attached to Boiler, Unit-II (at 65 meter's height)
3.Type of Stack/Duct	: Metal
4.Stack Height from Ground Level(m)	: 275
Diameter of the Stack(cm)	: 700
(6) Sampling Duration(minutes)	: 24
Purpose of Monitoring	: For Self Monitoring
(8) Air Pollution control measure	: ESP + FGD + FF + Low NOx Burner
(a) Status	: Working
(b) Recovery of Material	: -
(9) Fugitive Emission,if any	: Nil
Observations :	
Flue Gas Temperature, °C,Avg.	: 56
Flue Gas Velocity(m/s),Avg.	: 23.69
Volumetric Flow Rate(Nm ³ /hr.)	: 2850149.23
Ambient Air Temperature, °C	: 30

S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	General Parameters			


Saurabh Sharma
14-09-2021
Reviewer


14-09-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2109060163 Sample Reg. Date :06-09-2021 Report Date :14-09-2021 Report No. :ICE-2109140259 NABL ULR No. :TC592621000009936F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

a.	Particulate Matter, mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-1)	Max. 50	26.93
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-2)	Max. 200	164.08
c.	Oxides of Nitrogen (NO _x), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-7)	Max. 450	197.89
d.	Mercury(As Hg),mg/Nm ³	USEPA Method	Max. 0.03	BLQ(LOQ:0.01)
e.	Carbon Monoxide(CO),% v/v	IS:13270	Max. 1.0	0.2
f.	Moisture, % by mass	IS: 11255 (P-3)	Not Specified	6.8

'#' 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 03.09.2021, Sampling Procedure - SOP/ITC/EW/056

REMARKS : N/A

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


Saurabh Sharma
14-09-2021
Reviewer


14-09-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

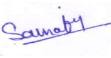
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2109130346 Sample Reg. Date :13-09-2021 Report Date :21-09-2021 Report No. :ICE-2109210467 NABL ULR No. :TC592621000010345F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: EPA Act 1986/PCLS/2010
General Information :	
Date of Monitoring	: 10-09-2021
Time of Monitoring	: 12:00 hrs to 12:23 hrs
Name of the emission source monitored	: Stack Emission of Boiler
(a) Rated Capacity	: 600 MW
(b) Capacity on sampling day	: 600 MW
(c) Type of fuel used & its consumption	: Coal & 430 Ton/hr
(d) Normal operating schedule	: 24 hrs
2. Stack Identification	: Stack attached to Boiler, Unit-II (at 65 meter's height)
3.Type of Stack/Duct	: Metal
4.Stack Height from Ground Level(m)	: 275
Diameter of the Stack(cm)	: 700
(6) Sampling Duration(minutes)	: 23
Purpose of Monitoring	: For Self Monitoring
(8) Air Pollution control measure	: ESP + FF + FGD + Low NOx Burner
(a) Status	: Working
(b) Recovery of Material	: -
(9) Fugitive Emission,if any	: Nil
Observations :	
Flue Gas Temperature, °C,Avg.	: 57
Flue Gas Velocity(m/s),Avg.	: 24.91
Volumetric Flow Rate(Nm ³ /hr.)	: 2987846.11
Ambient Air Temperature, °C	: 29

S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	General Parameters			


Saurabh Sharma
21-09-2021
Reviewer


21-09-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2109130346 Sample Reg. Date :13-09-2021 Report Date :21-09-2021 Report No. :ICE-2109210467 NABL ULR No. :TC592621000010345F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

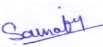
a.	Particulate Matter, mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-1)	Max. 50	28.85
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-2)	Max. 200	189.81
c.	Oxides of Nitrogen (NO _x), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-7)	Max. 450	190.32
d.	Mercury(As Hg),mg/Nm ³	USEPA Method	Max. 0.03	BLQ(LOQ:0.01)
e.	Carbon Monoxide(CO),% v/v	IS:13270	Max. 1.0	0.2
f.	Moisture, % by mass	IS: 11255 (P-3)	Not Specified	4.0

'#' represents Customer Defined Fields

NOTE : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per EPA Act 1986/PCLS/2010 , Sample collected by lab rep. on dated 10.09.2021, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A

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


Saurabh Sharma
21-09-2021
Reviewer


21-09-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

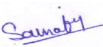
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2109130345 Sample Reg. Date :13-09-2021 Report Date :21-09-2021 Report No. :ICE-2109210466 NABL ULR No. :TC592621000010342F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: EPA Act 1986/PCLS/2010
General Information :	
Date of Monitoring	: 10-09-2021
Time of Monitoring	: 12:30 hrs to 12:53 hrs
Name of the emission source monitored	: Stack Emission of Boiler
(a) Rated Capacity	: 600 MW
(b) Capacity on sampling day	: 600 MW
(c) Type of fuel used & its consumption	: Coal & 400 Ton/hr
(d) Normal operating schedule	: 24 hrs
2. Stack Identification	: Stack attached to Boiler, Unit-I (at 65 meter's height)
3.Type of Stack/Duct	: Metal
4.Stack Height from Ground Level(m)	: 275
Diameter of the Stack(cm)	: 700
(6) Sampling Duration(minutes)	: 23
Purpose of Monitoring	: For Self Monitoring
(8) Air Pollution control measure	: ESP + FF + FGD + Low NOx Burner
(a) Status	: Working
(b) Recovery of Material	: -
(9) Fugitive Emission,if any	: Nil
Observations :	
Flue Gas Temperature, °C,Avg.	: 57
Flue Gas Velocity(m/s),Avg.	: 25.58
Volumetric Flow Rate(Nm ³ /hr.)	: 3072418.49
Ambient Air Temperature, °C	: 29

S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	General Parameters			


Saurabh Sharma
21-09-2021
Reviewer


21-09-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2109130345 Sample Reg. Date :13-09-2021 Report Date :21-09-2021 Report No. :ICE-2109210466 NABL ULR No. :TC592621000010342F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

a.	Particulate Matter, mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-1)	Max. 50	30.42
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-2)	Max. 200	192.11
c.	Oxides of Nitrogen (NO _x), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-7)	Max. 450	181.58
d.	Mercury(As Hg),mg/Nm ³	USEPA Method	Max. 0.03	BLQ(LOQ:0.01)
e.	Carbon Monoxide(CO),% v/v	IS:13270	Max. 1.0	0.2
f.	Moisture, % by mass	IS: 11255 (P-3)	Not Specified	4.2

'#' represents Customer Defined Fields

NOTE : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per EPA Act 1986/PCLS/2010 , Sample collected by lab rep. on dated 10.09.2021, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A

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


Saurabh Sharma
21-09-2021
Reviewer


21-09-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

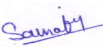
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2109180605 Sample Reg. Date :18-09-2021 Report Date :23-09-2021 Report No. :ICE-2109230552 NABL ULR No. :TC592621000010483F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: EPA Act 1986/PCLS/2010
General Information : Date of Monitoring Time of Monitoring Name of the emission source monitored (a) Rated Capacity (b) Capacity on sampling day (c) Type of fuel used & its consumption (d) Normal operating schedule 2. Stack Identification 3.Type of Stack/Duct 4.Stack Height from Ground Level(m) Diameter of the Stack(cm) (6) Sampling Duration(minutes) Purpose of Monitoring (8) Air Pollution control measure (a) Status (b) Recovery of Material (9) Fugitive Emission,if any Observations : Flue Gas Temperature, °C,Avg. Flue Gas Velocity(m/s),Avg. Volumetric Flow Rate(Nm ³ /hr.) Ambient Air Temperature, °C	: 16-09-2021 : 11:50 hrs to 12:13 hrs : Stack Emission of Boiler : 660 MW : 666 MW : Coal & 390 Ton/hr : 24 hrs : Stack Emission of Boiler, Unit-I (at 65 meter's height) : Metal : 275 : 700 : 23 : For Self Monitoring : ESP + FF + FGD + Low NOx Burner : Working : - : Nil : 56 : 25.43 : 3063685.86 : 25

S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Pollution & Environment			
1.	General Parameters			


Saurabh Sharma
23-09-2021
Reviewer


23-09-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2109180605 Sample Reg. Date :18-09-2021 Report Date :23-09-2021 Report No. :ICE-2109230552 NABL ULR No. :TC592621000010483F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

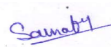
a.	Particulate Matter, mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-1)	Max. 50	27.07
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-2)	Max. 200	181.60
c.	Oxides of Nitrogen (NO _x), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-7)	Max. 450	180.69
d.	Mercury(As Hg),mg/Nm ³	USEPA Method	Max. 0.03	BLQ(LOQ:0.01)
e.	Carbon Monoxide(CO),% v/v	IS:13270	Max. 1.0	0.2
f.	Moisture, % by mass	IS: 11255 (P-3)	Not Specified	5.0

'#' represents Customer Defined Fields

NOTE : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per EPA Act 1986/PCLS/2010 , Sample collected by lab rep. on dated 16.09.2021, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A

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


Saurabh Sharma
23-09-2021
Reviewer


23-09-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

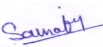
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2109180606 Sample Reg. Date :18-09-2021 Report Date :23-09-2021 Report No. :ICE-2109230551 NABL ULR No. :TC592621000010486F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: EPA Act 1986/PCLS/2010
General Information :	
Date of Monitoring	: 16-09-2021
Time of Monitoring	: 12:30 hrs to 12:54 hrs
Name of the emission source monitored	: Stack Emission of Boiler
(a) Rated Capacity	: 660 MW
(b) Capacity on sampling day	: 630 MW
(c) Type of fuel used & its consumption	: Coal & 372 Ton/hr
(d) Normal operating schedule	: 24 hrs
2. Stack Identification	: Stack attached to Boiler, Unit-II (at 65 meter's height)
3.Type of Stack/Duct	: Metal
4.Stack Height from Ground Level(m)	: 275
Diameter of the Stack(cm)	: 700
(6) Sampling Duration(minutes)	: 24
Purpose of Monitoring	: For Self Monitoring
(8) Air Pollution control measure	: ESP + FF + FGD + Low NOx Burner
(a) Status	: Working
(b) Recovery of Material	: -
(9) Fugitive Emission,if any	: Nil
Observations :	
Flue Gas Temperature, °C,Avg.	: 57
Flue Gas Velocity(m/s),Avg.	: 23.98
Volumetric Flow Rate(Nm ³ /hr.)	: 2880242.19
Ambient Air Temperature, °C	: 25

S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	General Parameters			


Saurabh Sharma
23-09-2021
Reviewer


23-09-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2109180606 Sample Reg. Date :18-09-2021 Report Date :23-09-2021 Report No. :ICE-2109230551 NABL ULR No. :TC592621000010486F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

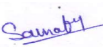
a.	Particulate Matter, mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-1)	Max. 50	31.49
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-2)	Max. 200	180.37
c.	Oxides of Nitrogen (NO _x), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-7)	Max. 450	185.73
d.	Mercury(As Hg),mg/Nm ³	USEPA Method	Max. 0.03	BLQ(LOQ:0.01)
e.	Carbon Monoxide(CO),% v/v	IS:13270	Max. 1.0	0.2
f.	Moisture, % by mass	IS: 11255 (P-3)	Not Specified	4.6

'#' 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 16.09.2021, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A

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


Saurabh Sharma
23-09-2021
Reviewer


23-09-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

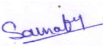
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2109250922 Sample Reg. Date :25-09-2021 Report Date :05-10-2021 Report No. :ICE-2110050098 NABL ULR No. :TC592621000011295F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: EPA Act 1986/PCLS/2010
General Information : Date of Monitoring Time of Monitoring Name of the emission source monitored (a) Rated Capacity (b) Capacity on sampling day (c) Type of fuel used & its consumption (d) Normal operating schedule 2. Stack Identification 3.Type of Stack/Duct 4.Stack Height from Ground Level(m) Diameter of the Stack(cm) (6) Sampling Duration(minutes) Purpose of Monitoring (8) Air Pollution control measure (a) Status (b) Recovery of Material (9) Fugitive Emission,if any	: 24-09-2021 : 11:00 hrs to 11:26 hrs : Stack Emission of Boiler : 660 MW : 400 MW : Coal & 220 Ton/hr : 24 hrs : Stack attached to Boiler, Unit-I (at 65 meter's height) : Metal : 275 : 700 : 26 : For Self Monitoring : ESP + FF + FGD + Low NOx Burner : Working : - : Nil
Observations : Flue Gas Temperature, °C,Avg. Flue Gas Velocity(m/s),Avg. Volumetric Flow Rate(Nm ³ /hr.) Ambient Air Temperature, °C	: 60 : 22.90 : 2751880.98 : 26

S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			


Saurabh Sharma
05-10-2021
Reviewer


05-10-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- The report is only for the sample tested.
- Total liability of ITC Labs is limited to the invoiced amount.
- The test report shall not be reproduced except in full without the written approval of the laboratory.
- If samples not consumed during analysis, it will be stored and retain as per company policy.
- Samples not drawn by us unless otherwise stated.
- Test report in full or parts shall not be used for promotional or publicity purposes.
- Legal disputes are subjected to Panchkula Jurisdiction only.

Test Report

Document QF : 2501

Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2109250922 Sample Reg. Date :25-09-2021 Report Date :05-10-2021 Report No. :ICE-2110050098 NABL ULR No. :TC592621000011295F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

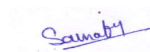
Group : Atmospheric Pollution
1. General Parameters
a. Particulate Matter, mg/Nm ³ (Corrected to 6% O ₂ on dry basis)
b. Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)
c. Oxides of Nitrogen (NO _x), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)
d. Mercury(As Hg),mg/Nm ³
e. Carbon Monoxide(CO),% v/v
f. Moisture, % by mass

'#' represents Customer Defined Fields

NOTE : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per EPA Act 1986/PCLS/2010 , Sample collected by lab rep. on dated 24.09.2021, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A

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


Saurabh Sharma
05-10-2021
Reviewer


05-10-2021
PremKumar
[Authorized Signatory]

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

Disclaimer :

- The report is only for the sample tested.
- Total liability of ITC Labs is limited to the invoiced amount.
- The test report shall not be reproduced except in full without the written approval of the laboratory.
- If samples not consumed during analysis, it will be stored and retain as per company policy.
- Samples not drawn by us unless otherwise stated.
- Test report in full or parts shall not be used for promotional or publicity purposes.
- Legal disputes are subjected to Panchkula Jurisdiction only.

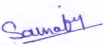
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2109250923 Sample Reg. Date :25-09-2021 Report Date :05-10-2021 Report No. :ICE-2110050099 NABL ULR No. :TC592621000011299F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: EPA Act 1986/PCLS/2010
General Information : Date of Monitoring Time of Monitoring Name of the emission source monitored (a) Rated Capacity (b) Capacity on sampling day (c) Type of fuel used & its consumption (d) Normal operating schedule 2. Stack Identification 3.Type of Stack/Duct 4.Stack Height from Ground Level(m) Diameter of the Stack(cm) (6) Sampling Duration(minutes) Purpose of Monitoring (8) Air Pollution control measure (a) Status (b) Recovery of Material (9) Fugitive Emission,if any	: 24-09-2021 : 12:20 hrs to 12:46 hrs : Stack Emission of Boiler : 660 MW : 450 MW : Coal & 265 Ton/hr : 24 hrs : Stack attached to Boiler, Unit-II (at 65 meter's height) : Metal : 275 : 700 : 26 : For Self Monitoring : ESP + FF + FGD + Low NOx Burner : Working : - : Nil
Observations : Flue Gas Temperature, °C,Avg. Flue Gas Velocity(m/s),Avg. Volumetric Flow Rate(Nm ³ /hr.) Ambient Air Temperature, °C	: 45 : 22.11 : 2656436.94 : 27

S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			


Saurabh Sharma
05-10-2021
Reviewer


05-10-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- The report is only for the sample tested.
- Total liability of ITC Labs is limited to the invoiced amount.
- The test report shall not be reproduced except in full without the written approval of the laboratory.
- If samples not consumed during analysis, it will be stored and retain as per company policy.
- Samples not drawn by us unless otherwise stated.
- Test report in full or parts shall not be used for promotional or publicity purposes.
- Legal disputes are subjected to Panchkula Jurisdiction only.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2109250923 Sample Reg. Date :25-09-2021 Report Date :05-10-2021 Report No. :ICE-2110050099 NABL ULR No. :TC592621000011299F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

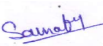
Group : Atmospheric Pollution				
1. General Parameters				
a.	Particulate Matter, mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-1)	Max. 50	27.16
b.	Sulphur Dioxide (SO ₂), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-2)	Max. 200	120.20
c.	Oxides of Nitrogen (NO _x), mg/Nm ³ (Corrected to 6% O ₂ on dry basis)	IS:11255(P-7)	Max. 450	254.71
d.	Mercury(As Hg),mg/Nm ³	USEPA Method	Max. 0.03	BLQ(LOQ:0.01)
e.	Carbon Monoxide(CO),% v/v	IS:13270	Max. 1.0	0.2
f.	Moisture, % by mass	IS: 11255 (P-3)	Not Specified	5.4

'#' represents Customer Defined Fields

NOTE : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per EPA Act 1986/PCLS/2010 , Sample collected by lab rep. on dated 24.09.2021, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A

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


Saurabh Sharma
05-10-2021
Reviewer


05-10-2021
PremKumar
[Authorized Signatory]

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

Disclaimer :

- The report is only for the sample tested.
- Total liability of ITC Labs is limited to the invoiced amount.
- The test report shall not be reproduced except in full without the written approval of the laboratory.
- If samples not consumed during analysis, it will be stored and retain as per company policy.
- Samples not drawn by us unless otherwise stated.
- Test report in full or parts shall not be used for promotional or publicity purposes.
- Legal disputes are subjected to Panchkula Jurisdiction only.

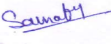
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2109130347 Sample Reg. Date :13-09-2021 Report Date :17-09-2021 Report No. :ICE-2109170333 NABL ULR No. :TC592621000010186F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: EPA Act 1986/PCLS/2010,G.S.R 281(E),Dated- 07.03.2016
General Information : Date of Monitoring Time of Monitoring Name of the emission source monitored (a) Rated Capacity (b) Capacity on sampling day (c) Type of fuel used & its consumption (d) Normal operating schedule 2. Stack Identification 3.Type of Stack/Duct 4.Stack Height from Ground Level(m) Diameter of the Stack(cm) (6) Sampling Duration(minutes) Purpose of Monitoring (8) Air Pollution control measure (a) Status (b) Recovery of Material (9) Fugitive Emission,if any Observations : Flue Gas Temperature, °C,Avg. Flue Gas Velocity(m/s),Avg. Volumetric Flow Rate(Nm ³ /hr.) Ambient Air Temperature, °C	: 10-09-2021 : 14:50 hrs to 15:12 hrs : Stack Emission of DG Set : 1600 kVA : 85% : HSD & 327 ltr/hr : As required : Stack attached to DG Set, Unit-I (1600 kVA) Engine No. 16171 : Metal : 9.5 : 40 : 22 : For Self Monitoring : Not Applicable : - : - : Nil : 310 : 21.08 : 4711.77 : 29

S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	General Parameters			


Saurabh Sharma
17-09-2021
Reviewer


17-09-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2109130347 Sample Reg. Date :13-09-2021 Report Date :17-09-2021 Report No. :ICE-2109170333 NABL ULR No. :TC592621000010186F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

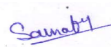
a.	Particulate Matter,mg/Nm3(Corrected at 15 % O2)	IS:11255(P-1)	Max. 75	54.36
b.	Carbon Monoxide(CO),mg/Nm3(Corrected at 15 % O2)	IS:13270	Max. 150	96
c.	Oxides of Nitrogen NO _x (as NO ₂), ppmv (at 15% O ₂), dry basis	IS:11255(P-7)	Max. 710	419.25
d.	Non Methane Hydrocarbon,mg/Nm3(Corrected at 15 % O2)	IS:13270	Max. 100	31
e.	Sulphur Dioxide(SO ₂),mg/Nm3	IS:11255(P-2)	Not Specified	18.35

'#' represents Customer Defined Fields

NOTE : NA- Not Applicable, Requirements as per EPA Act 1986/PCLS/2010 , Sample collected by lab rep. on dated 10.09.2021, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A

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


Saurabh Sharma
17-09-2021
Reviewer


17-09-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

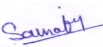
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2109130348 Sample Reg. Date :13-09-2021 Report Date :17-09-2021 Report No. :ICE-2109170334 NABL ULR No. :TC592621000010188F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: EPA Act 1986/PCLS/2010,G.S.R 281(E),Dated- 07.03.2016
General Information : Date of Monitoring Time of Monitoring Name of the emission source monitored (a) Rated Capacity (b) Capacity on sampling day (c) Type of fuel used & its consumption (d) Normal operating schedule 2. Stack Identification 3.Type of Stack/Duct 4.Stack Height from Ground Level(m) Diameter of the Stack(cm) (6) Sampling Duration(minutes) Purpose of Monitoring (8) Air Pollution control measure (a) Status (b) Recovery of Material (9) Fugitive Emission,if any Observations : Flue Gas Temperature, °C,Avg. Flue Gas Velocity(m/s),Avg. Volumetric Flow Rate(Nm ³ /hr.) Ambient Air Temperature, °C	: 10-09-2021 : 14:20 hrs to 14:42 hrs : Stack Emission of DG Set : 1600 kVA : 85% : HSD & 327 ltr/hr : As required : Stack attached to DG Set, Unit-2 (1600 kVA) Engine No. 16386 : Metal : 9.5 : 42 : 22 : For Self Monitoring : Not Applicable : - : - : Nil : 303 : 20.94 : 4737.36 : 29

S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	General Parameters			


Saurabh Sharma
17-09-2021
Reviewer


17-09-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2109130348 Sample Reg. Date :13-09-2021 Report Date :17-09-2021 Report No. :ICE-2109170334 NABL ULR No. :TC592621000010188F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

a.	Particulate Matter,mg/Nm3(Corrected at 15 % O2)	IS:11255(P-1)	Max. 75	50.90
b.	Carbon Monoxide(CO),mg/Nm3(Corrected at 15 % O2)	IS:13270	Max. 150	97
c.	Oxides of Nitrogen NO _x (as NO ₂), ppmv (at 15% O ₂), dry basis	IS:11255(P-7)	Max. 710	387.86
d.	Non Methane Hydrocarbon,mg/Nm3(Corrected at 15 % O2)	IS:13270	Max. 100	31
e.	Sulphur Dioxide(SO ₂),mg/Nm3	IS:11255(P-2)	Not Specified	13.76

'#' represents Customer Defined Fields

NOTE : NA- Not Applicable, Requirements as per EPA Act 1986/PCLS/2010 , Sample collected by lab rep. on dated 10.09.2021, Sampling Procedure - SOP/ITC/EW/056

REMARKS :N/A

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


Saurabh Sharma
17-09-2021
Reviewer


17-09-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

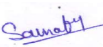
Test Report

Document QF : 2501
Page 1 of 2

Issued To	Sample Reg. No. :E01-2109120342 Sample Reg. Date :12-09-2021 Report Date :14-09-2021 Report No. :ICE-2109140238 NABL ULR No. :TC592621000009931F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020
Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	

Test Report as per :	: EPA Act 1986/PCLS/2010,G.S.R 281(E),Dated- 07.03.2016
General Information :	
Date of Monitoring	: 10-09-2021
Time of Monitoring	: 16:00 hrs
Nature of Industry	: Thermal Power Plant
Purpose of Monitoring	: For Self Monitoring
Source of Noise Pollution Monitored	: DG Set-1(1600 kVA)
Engine No.	: 16171
Make	: MITSUBISHI HEAVY INDUSTRIES LTD.
Date of mfg of DG Set	: 04-2010
Date of Installation	: Not provided by party
Type approval No.	: Not provided by party
Pollution Control Device (if any)	: Acoustic Room
Stack Height from Ground level to Top,m	: 9.5
Stack Height from Roof level,m	: -
Location of noise Generating Source	: Ground Floor

Description				
Description		Noise DG Set-1 (1600 kVA) Monitoring		
S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Atmospheric Pollution			
1.	General Parameters			
a.	Open Door at 0.5 meter away from Acoustic Enclosure, dB (A)	CPCB Guidelines	--	97.1
b.	Closed Door at 0.5 meter away from Acoustic Enclosure, dB (A)	CPCB Guidelines	Max. 75.0	71.8
c.	Insertion Loss	CPCB Guidelines	Min. 25.0	25.3


Saurabh Sharma
14-09-2021
Reviewer


14-09-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

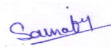
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2109120342 Sample Reg. Date :12-09-2021 Report Date :14-09-2021 Report No. :ICE-2109140238 NABL ULR No. :TC592621000009931F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

'#' 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
14-09-2021
Reviewer


14-09-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis,it will be stored as per required storage condition.
- The results relate to the item tested.

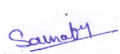
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2109120343 Sample Reg. Date :12-09-2021 Report Date :14-09-2021 Report No. :ICE-2109140239 NABL ULR No. :TC592621000009932F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: EPA Act 1986/PCLS/2010,G.S.R 281(E),Dated- 07.03.2016
General Information : Date of Monitoring Time of Monitoring Nature of Industry Purpose of Monitoring Source of Noise Pollution Monitored Engine No. Make Date of mfg of DG Set Date of Installation Type approval No. Pollution Control Device (if any) Stack Height from Ground level to Top,m Stack Height from Roof level,m Location of noise Generating Source	: 10-09-2021 : 15:00 hrs : Thermal Power Plant : For Self Monitoring : DG Set-2 (1600 kVA) : 16386 : MITSUBISHI HEAVY INDUSTRIES LTD. : 05-2010 : Not provided by party : Not provided by party : Acoustic Room : 9.5 : - : Ground Floor

Description				
Description	Noise DG Set-2 (1600 kVA) Monitoring			
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Atmospheric Pollution				
1.	General Parameters			
a.	Open Door at 0.5 meter away from Acoustic Enclosure, dB (A)	CPCB Guidelines	--	96.4
b.	Closed Door at 0.5 meter away from Acoustic Enclosure, dB (A)	CPCB Guidelines	Max. 75.0	71.3
c.	Insertion Loss	CPCB Guidelines	Min. 25.0	25.2


Saurabh Sharma
14-09-2021
Reviewer


14-09-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

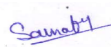
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2109120343 Sample Reg. Date :12-09-2021 Report Date :14-09-2021 Report No. :ICE-2109140239 NABL ULR No. :TC592621000009932F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

'#' 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
14-09-2021
Reviewer


14-09-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis,it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 1 of 3

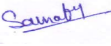
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2109030038 Sample Reg. Date :03-09-2021 Report Date :18-09-2021 Report No. :ICE-2109180371 NABL ULR No. :TC592621000010216F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

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

PART A : PARTICULARS OF SAMPLE SUBMITTED

a)	Nature of Sample #	ETP Inlet Water
b)	Grade / Variety / Type / Class / Size etc.	NA
c)	Brand Name	NA
d)	Declared Values,if any	NA
e)	Code No.	
f)	Batch Number #	NA
g)	D.O.M #	NA
h)	Date of Expiry #	NA
i)	Sample Quantity #	2 Ltr
j)	Batch Size/Location #	NA
k)	Mode of Packing	Packed in can
l)	Date of Receipt	03-09-2021
m)	Date of Start	03-09-2021
n)	Date of Completion	18-09-2021
o)	Seal (Intact/Not Intact/Unsealed)	NA
p)	IO'S Signature (Signed/Unsigned)	Unsigned
q)	Any Other Information	Sample collected by lab rep. on 02.09.2021
r)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
s)	Manufactured By #	NA
t)	Supplied By #	NA

PART B : SUPPLIMENTARY INFORMATIONS


Saurabh Sharma
18-09-2021
Reviewer


18-09-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

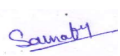
Document QF : 2501

Page 2 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. : E01-2109030038 Sample Reg. Date : 03-09-2021 Report Date : 18-09-2021 Report No. : ICE-2109180371 NABL ULR No. : TC592621000010216F Customer Ref. No. : Order No.5030010814 Letter Dated : 29.10.2020

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

Description				
Description		ETP Inlet Water		
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Pollution & Environment				
1. General Parameters				
a.	Colour	IS:3025(Part4):1983(RA:2017)amd. no1		Light Yellowish
b.	Odour	IS:3025(Part 5):1983(RA:2017)		None
c.	pH Value	IS:3025 (Part - 11):1983(RA:2017)		7.56
d.	Total Suspended Solids,(mg/l)	IS:3025(Part 17)		34
e.	Total Dissolved Solids (mg/l)	IS:3025(Part 16):1984(RA.2006)	-	938
f.	Chemical Oxygen Demand(mg/l)	APHA-23rd Edition		109
g.	Bio-chemical Oxygen Demand, mg/l (3 days at 27°C)	IS:3025(P-44)		35
h.	Oil & Grease(mg/l)	IS:3025(P-39)		0.8
i.	Zinc(As Zn)(mg/l)	IS: 3025 (P-2)		0.15
j.	Arsenic(as As)(mg/l)	IS: 3025 (P-2)		BLQ(LOQ:0.05)
k.	Total Chromium as Cr (mg/l)	IS: 3025 (P-2)		BLQ(LOQ:0.05)
l.	Cyanide as CN, (mg/l)	IS:3025(P-27)		Absent
m.	Iron(as Fe)(mg/l)	IS: 3025 (P-2)		1.28
n.	Temperature(°C)	IS: 3025 (P-9)		26.1


Saurabh Sharma
18-09-2021
Reviewer


18-09-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 3 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2109030038 Sample Reg. Date :03-09-2021 Report Date :18-09-2021 Report No. :ICE-2109180371 NABL ULR No. :TC592621000010216F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

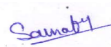
o.	Free Residual Chlorine (mg/l)	IS:3025(Part 26):1986(RA:2014)amd no 1		BLQ(LOQ:1.0)
p.	Phosphate as P (mg/l)	APHA-23rd Edition		1.2

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
18-09-2021
Reviewer


18-09-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 1 of 3

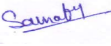
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2109030040 Sample Reg. Date :03-09-2021 Report Date :18-09-2021 Report No. :ICE-2109180388 NABL ULR No. :TC592621000010232F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

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)	Grade / Variety / Type / Class / Size etc.	NA
c)	Brand Name	NA
d)	Declared Values,if any	NA
e)	Code No.	
f)	Batch Number #	NA
g)	D.O.M #	NA
h)	Date of Expiry #	NA
i)	Sample Quantity #	2+5 Ltr
j)	Batch Size/Location #	NA
k)	Mode of Packing	Packed in cans
l)	Date of Receipt	03-09-2021
m)	Date of Start	03-09-2021
n)	Date of Completion	18-09-2021
o)	Seal (Intact/Not Intact/Unsealed)	NA
p)	IO'S Signature (Signed/Unsigned)	Unsigned
q)	Any Other Information	Sample collected by lab rep. on 02.09.2021
r)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
s)	Manufactured By #	NA
t)	Supplied By #	NA

PART B : SUPPLIMENTARY INFORMATIONS


Saurabh Sharma
18-09-2021
Reviewer


18-09-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

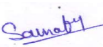
Document QF : 2501

Page 2 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2109030040 Sample Reg. Date :03-09-2021 Report Date :18-09-2021 Report No. :ICE-2109180388 NABL ULR No. :TC592621000010232F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

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

Description				
Description		ETP Outlet Water		
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Pollution & Environment				
1. General Parameters				
a.	Colour	IS:3025(Part4):1983(RA:2017)amd. no1	Not Specified	Colourless
b.	Odour	IS:3025(Part 5):1983(RA:2017)	Not Specified	None
c.	pH Value	IS:3025 (Part - 11):1983(RA:2017)	5.5-9	7.72
d.	Total Suspended Solids,(mg/l)	IS:3025(Part 17)	Max. 100	<1.0
e.	Total Dissolved Solids (mg/l)	IS:3025(Part 16):1984(RA.2006)	Max. 2100--	917
f.	Chemical Oxygen Demand(mg/l)	APHA-23rd Edition	Max. 250	12
g.	Bio-chemical Oxygen Demand, mg/l (3 days at 27°C)	IS:3025(P-44)	Max. 30	3
h.	Oil & Grease(mg/l)	IS:3025(P-39)	Max. 10	<0.1
i.	Zinc(As Zn)(mg/l)	IS: 3025 (P-2)	Max. 5.0	0.25
j.	Arsenic(as As)(mg/l)	IS: 3025 (P-2)	Max. 0.2	BLQ(LOQ:0.05)
k.	Total Chromium as Cr (mg/l)	IS: 3025 (P-2)	Max. 2.0	BLQ(LOQ:0.05)
l.	Cyanide as CN, (mg/l)	IS:3025(P-27)	Max. 0.2	Absent
m.	Iron(as Fe)(mg/l)	IS: 3025 (P-2)	Max. 3.0	2.72


Saurabh Sharma
18-09-2021
Reviewer


18-09-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 3 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2109030040 Sample Reg. Date :03-09-2021 Report Date :18-09-2021 Report No. :ICE-2109180388 NABL ULR No. :TC592621000010232F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

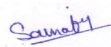
n.	Bio Assay Test	IS:6582-1971	Minimum 90 % survival of fish was observed after 96 hours in 100 % effluent	90% survival of fish after 96 hours in 100% effluent
o.	Temperature(°C)	IS: 3025 (P-9)		26.1
p.	Free Residual Chlorine (mg/l)	IS:3025(P-26)	Max. 1.0	BLQ(LOQ:1.0)
q.	Phosphate as P (mg/l)	APHA-23rd Edition	Not Specified	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
18-09-2021
Reviewer


18-09-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

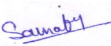
Page 1 of 3

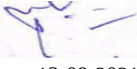
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2109030042 Sample Reg. Date :03-09-2021 Report Date :13-09-2021 Report No. :ICE-2109130175 NABL ULR No. :TC592621000009887F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

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)	Grade / Variety / Type / Class / Size etc.	NA
c)	Brand Name	NA
d)	Declared Values,if any	NA
e)	Code No.	
f)	Batch Number [#]	NA
g)	D.O.M [#]	NA
h)	Date of Expiry [#]	NA
i)	Sample Quantity [#]	2 Ltr
j)	Batch Size/Location [#]	NA
k)	Mode of Packing	Packed in can
l)	Date of Receipt	03-09-2021
m)	Date of Start	03-09-2021
n)	Date of Completion	13-09-2021
o)	Seal (Intact/Not Intact/Unsealed)	NA
p)	IO'S Signature (Signed/Unsigned)	Unsigned
q)	Any Other Information	Sample collected by lab rep. on 02.09.2021
r)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
s)	Manufactured By [#]	NA


Saurabh Sharma
13-09-2021
Reviewer


13-09-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 2 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2109030042 Sample Reg. Date :03-09-2021 Report Date :13-09-2021 Report No. :ICE-2109130175 NABL ULR No. :TC592621000009887F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

t) Supplied By #	NA

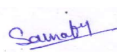
PART B : SUPPLEMENTARY INFORMATIONS

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	STP Inlet Water (Plant)

S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Pollution & Environment			
1.	General Parameters			
a.	Colour	IS:3025(Part4):1983(RA:2017)amd. no1		Greyish
b.	Odour	IS:3025(Part 5):1983(RA:2017)		Mild
c.	pH Value	IS:3025 (Part - 11):1983(RA:2017)		6.71
d.	Total Suspended Solids,(mg/l)	IS:3025(Part 17)		59
e.	Total Dissolved Solids (mg/l)	IS:3025(Part 16):1984(RA.2006)	-	407
f.	Chemical Oxygen Demand(mg/l)	APHA-23rd Edition		97
g.	Bio-chemical Oxygen Demand, mg/l (3 days at 27°C)	IS:3025(P-44)		31
h.	Oil & Grease(mg/l)	IS:3025(P-39)		2.8


Saurabh Sharma
13-09-2021
Reviewer


13-09-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 3 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2109030042 Sample Reg. Date :03-09-2021 Report Date :13-09-2021 Report No. :ICE-2109130175 NABL ULR No. :TC592621000009887F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

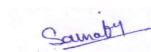
i.	Free Residual Chlorine (mg/l)	IS:3025(Part 26):1986(RA:2014)amd no 1		BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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

REMARKS :N/A

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


Saurabh Sharma
13-09-2021
Reviewer


13-09-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 1 of 3

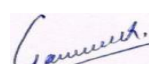
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2109030043 Sample Reg. Date :03-09-2021 Report Date :18-09-2021 Report No. :ICE-2109180374 NABL ULR No. :TC592621000010219F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

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

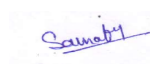
PART A : PARTICULARS OF SAMPLE SUBMITTED

a)	Nature of Sample #	STP Inlet Water (Plant).
b)	Grade / Variety / Type / Class / Size etc.	NA
c)	Brand Name	NA
d)	Declared Values,if any	NA
e)	Code No.	
f)	Batch Number #	NA
g)	D.O.M #	NA
h)	Date of Expiry #	NA
i)	Sample Quantity #	2 Ltr
j)	Batch Size/Location #	NA
k)	Mode of Packing	Packed in can
l)	Date of Receipt	03-09-2021
m)	Date of Start	03-09-2021
n)	Date of Completion	18-09-2021
o)	Seal (Intact/Not Intact/Unsealed)	NA
p)	IO'S Signature (Signed/Unsigned)	Unsigned
q)	Any Other Information	Sample collected by lab rep. on 02.09.2021
r)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
s)	Manufactured By #	NA
t)	Supplied By #	NA

PART B : SUPPLIMENTARY INFORMATIONS



18-09-2021
Gaurav Khandelwal
[Authorized Signatory]



Saurabh Sharma
18-09-2021
Reviewer



18-09-2021
PremKumar
[Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.

(ISO 9001:2015 & 14001:2015 OHSAS 18001:2007 Certified Laboratory)

(A Government Approved Test House)

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

Phone : (O) 0172-2561543, 2565825

Visit us : www.itclabs.com Email : customersupport@itclabs.com

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 2 of 3

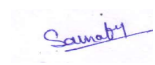
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2109030043 Sample Reg. Date :03-09-2021 Report Date :18-09-2021 Report No. :ICE-2109180374 NABL ULR No. :TC592621000010219F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

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 : Water				
1. General Parameters				
a.	Nitrate as NO ₃ (mg/l)	IS:3025(P-34)		BLQ(LOQ:1.0)
b.	Calcium(as Ca)(mg/l)	IS:3025(P-40)	-	33
c.	Magnesium as Mg(mg/l)	IS:3025(Part-46)	-	11.3
d.	Sodium(as Na)(mg/l)	IS:3025(P-45)	-	27.9
e.	Potassium as K,(mg/l)	IS:3025(P-45)		7.9
f.	Phosphate as PO ₄ (mg/l)	APHA-23rd Edition		0.21
Discipline : Biological				
Group : Water				
1. Microbiological Tests				
a.	Faecal Coliforms, (MPN/100ml)	APHA-23 rd Edn 17-9221 F		2.2 x 100000
b.	E.coli, (MPN/100ml)	APHA-23 rd Edn 17-9221 F		1.4 x 100000
c.	Total Coliform (MPN/100ml)	APHA-23 rd Edn 17-9221 F		1.2 x 1000000

'#' represents Customer Defined Fields


18-09-2021
Gaurav Khandelwal
[Authorized Signatory]


Saurabh Sharma
18-09-2021
Reviewer


18-09-2021
Prem Kumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

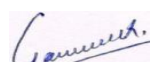
Page 3 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2109030043 Sample Reg. Date :03-09-2021 Report Date :18-09-2021 Report No. :ICE-2109180374 NABL ULR No. :TC592621000010219F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

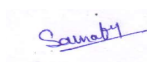
NOTE : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Sampling Procedure - SOP/ITC/EW/030, Purpose - For Self monitoring

REMARKS :N/A

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



18-09-2021
Gaurav Khandelwal
[Authorized Signatory]



Saurabh Sharma
18-09-2021
Reviewer



18-09-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

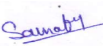
Page 1 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2109030044 Sample Reg. Date :03-09-2021 Report Date :13-09-2021 Report No. :ICE-2109130176 NABL ULR No. :TC592621000009888F 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)	Grade / Variety / Type / Class / Size etc.	NA
c)	Brand Name	NA
d)	Declared Values,if any	NA
e)	Code No.	
f)	Batch Number #	NA
g)	D.O.M #	NA
h)	Date of Expiry #	NA
i)	Sample Quantity #	2 Ltr
j)	Batch Size/Location #	NA
k)	Mode of Packing	Packed in can
l)	Date of Receipt	03-09-2021
m)	Date of Start	03-09-2021
n)	Date of Completion	13-09-2021
o)	Seal (Intact/Not Intact/Unsealed)	NA
p)	IO'S Signature (Signed/Unsigned)	Unsigned
q)	Any Other Information	Sample collected by lab rep. on 02.09.2021
r)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
s)	Manufactured By #	NA


Saurabh Sharma
13-09-2021
Reviewer


13-09-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 2 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2109030044 Sample Reg. Date :03-09-2021 Report Date :13-09-2021 Report No. :ICE-2109130176 NABL ULR No. :TC592621000009888F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

t) Supplied By #	NA

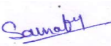
PART B : SUPPLEMENTARY INFORMATIONS

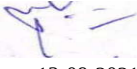
a. Reference to sampling procedure, whenever applicable	: N/A
b. Supporting documents for the measurement taken and results derived like graphs, tables, sketches and / or photographs as appropriate to test reports, if any	: N/A
c. Deviation from the test methods as prescribed in relevant ISS/WORK Instruments,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

Description

Description	STP Outlet Water (Plant)

S.No.	Parameters	Method	Specification	Result
	Discipline : Chemical			
	Group : Pollution & Environment			
1.	General Parameters			
a.	Colour	IS:3025(Part4):1983(RA:2017)amd. no1	Not Specified	Colourless
b.	Odour	IS:3025(Part 5):1983(RA:2017)	Not Specified	None
c.	pH Value	IS:3025 (Part - 11):1983(RA:2017)	6.5-9	6.63
d.	Total Suspended Solids,(mg/l)	IS:3025(Part 17)	Max. 100	10
e.	Total Dissolved Solids (mg/l)	IS:3025(Part 16):1984(RA.2006)	Not Specified	401
f.	Chemical Oxygen Demand(mg/l)	APHA-23rd Edition	Not Specified	31
g.	Bio-chemical Oxygen Demand, mg/l (3 days at 27°C)	IS:3025(P-44)	Max. 30	8
h.	Oil & Grease(mg/l)	IS:3025(P-39)	Max. 10	0.2
i.	Free Residual Chlorine (mg/l)	IS:3025(P-26)	Max. 1.0	BLQ(LOQ:1.0)


Saurabh Sharma
13-09-2021
Reviewer


13-09-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 3 of 3

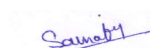
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2109030044 Sample Reg. Date :03-09-2021 Report Date :13-09-2021 Report No. :ICE-2109130176 NABL ULR No. :TC592621000009888F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

'#' represents Customer Defined Fields

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

REMARKS :N/A

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



Saurabh Sharma
13-09-2021
Reviewer



13-09-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 1 of 3

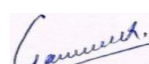
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2109030045 Sample Reg. Date :03-09-2021 Report Date :18-09-2021 Report No. :ICE-2109180375 NABL ULR No. :TC592621000010220F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

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

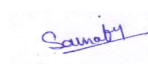
PART A : PARTICULARS OF SAMPLE SUBMITTED

a)	Nature of Sample #	STP Outlet Water (Plant).
b)	Grade / Variety / Type / Class / Size etc.	NA
c)	Brand Name	NA
d)	Declared Values,if any	NA
e)	Code No.	
f)	Batch Number #	NA
g)	D.O.M #	NA
h)	Date of Expiry #	NA
i)	Sample Quantity #	2 Ltr
j)	Batch Size/Location #	NA
k)	Mode of Packing	Packed in can
l)	Date of Receipt	03-09-2021
m)	Date of Start	03-09-2021
n)	Date of Completion	18-09-2021
o)	Seal (Intact/Not Intact/Unsealed)	NA
p)	IO'S Signature (Signed/Unsigned)	Unsigned
q)	Any Other Information	Sample collected by lab rep. on 02.09.2021
r)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
s)	Manufactured By #	NA
t)	Supplied By #	NA

PART B : SUPPLIMENTARY INFORMATIONS



18-09-2021
Gaurav Khandelwal
[Authorized Signatory]



Saurabh Sharma
18-09-2021
Reviewer



18-09-2021
PremKumar
[Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.

(ISO 9001:2015 & 14001:2015 OHSAS 18001:2007 Certified Laboratory)

(A Government Approved Test House)

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

Phone : (O) 0172-2561543, 2565825

Visit us : www.itclabs.com Email : customersupport@itclabs.com

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 2 of 3

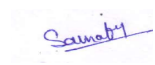
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2109030045 Sample Reg. Date :03-09-2021 Report Date :18-09-2021 Report No. :ICE-2109180375 NABL ULR No. :TC592621000010220F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

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

Description				
Description		STP Outlet Water (Plant).		
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Pollution & Environment				
1. General Parameters				
a.	Nitrate as NO ₃ (mg/l)	IS 3025 (Part 34)	Max. 10	BLQ(LOQ:1.0)
b.	Calcium(as Ca)(mg/l)	IS:3025(P-40)	Not Specified	31
c.	Magnesium as Mg(mg/l)	IS: 3025 (P-46)	Not Specified	11
d.	Sodium(as Na)(mg/l)	IS:3025(P-45)	Not Specified	25.8
e.	Potassium as K,(mg/l)	IS:3025(P-45)	Not Specified	8
f.	Phosphate(as PO ₄), mg/L	APHA-23rd Edition	Max. 5.0	1.1
Discipline : Biological				
Group : Pollution & Environment				
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 Customer Defined Fields


18-09-2021
Gaurav Khandelwal
[Authorized Signatory]


Saurabh Sharma
18-09-2021
Reviewer


18-09-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

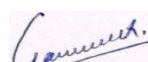
Page 3 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2109030045 Sample Reg. Date :03-09-2021 Report Date :18-09-2021 Report No. :ICE-2109180375 NABL ULR No. :TC592621000010220F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

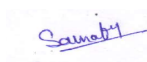
NOTE : NA- Not Applicable, BLQ- Below limit of Quantification, LOQ- Limit of Quantification, Requirements as per EPA Act 1986/PCLS/2010, Sampling Procedure - SOP/ITC/EW/030, Purpose - For Self monitoring

REMARKS :N/A

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



18-09-2021
Gaurav Khandelwal
[Authorized Signatory]



Saurabh Sharma
18-09-2021
Reviewer



18-09-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 1 of 3

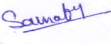
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2109030046 Sample Reg. Date :03-09-2021 Report Date :13-09-2021 Report No. :ICE-2109130178 NABL ULR No. :TC592621000009907F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

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)	Grade / Variety / Type / Class / Size etc.	NA
c)	Brand Name	NA
d)	Declared Values,if any	NA
e)	Code No.	
f)	Batch Number #	NA
g)	D.O.M #	NA
h)	Date of Expiry #	NA
i)	Sample Quantity #	2 Ltr
j)	Batch Size/Location #	NA
k)	Mode of Packing	Packed in can
l)	Date of Receipt	03-09-2021
m)	Date of Start	03-09-2021
n)	Date of Completion	13-09-2021
o)	Seal (Intact/Not Intact/Unsealed)	NA
p)	IO'S Signature (Signed/Unsigned)	Unsigned
q)	Any Other Information	Sample collected by lab rep. on 02.09.2021
r)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
s)	Manufactured By #	NA
t)	Supplied By #	NA

PART B : SUPPLIMENTARY INFORMATIONS


Saurabh Sharma
13-09-2021
Reviewer


13-09-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 2 of 3

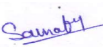
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2109030046 Sample Reg. Date :03-09-2021 Report Date :13-09-2021 Report No. :ICE-2109130178 NABL ULR No. :TC592621000009907F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

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

Description				
Description		STP Inlet Water (Township)		
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Pollution & Environment				
1.	General Parameters			
a.	Colour	IS:3025(Part4):1983(RA:2017)amd. no1		Greyish
b.	Odour	IS:3025(Part 5):1983(RA:2017)		Mild
c.	pH Value	IS:3025 (Part - 11):1983(RA:2017)		7.17
d.	Total Suspended Solids,(mg/l)	IS:3025(Part 17)		82
e.	Total Dissolved Solids (mg/l)	IS:3025(Part 16):1984(RA.2006)	-	708
f.	Chemical Oxygen Demand(mg/l)	APHA-23rd Edition		171
g.	Bio-chemical Oxygen Demand, mg/l (3 days at 27°C)	IS:3025(P-44)		56
h.	Oil & Grease(mg/l)	IS:3025(P-39)		6.4
i.	Free Residual Chlorine (mg/l)	IS:3025(Part 26):1986(RA:2014)amd no 1		BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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


Saurabh Sharma
13-09-2021
Reviewer


13-09-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

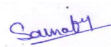
Document QF : 2501

Page 3 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2109030046 Sample Reg. Date :03-09-2021 Report Date :13-09-2021 Report No. :ICE-2109130178 NABL ULR No. :TC592621000009907F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

REMARKS :N/A

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


Saurabh Sharma
13-09-2021
Reviewer


13-09-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 1 of 3

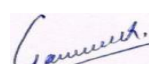
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2109030047 Sample Reg. Date :03-09-2021 Report Date :18-09-2021 Report No. :ICE-2109180376 NABL ULR No. :TC592621000010221F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

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

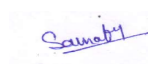
PART A : PARTICULARS OF SAMPLE SUBMITTED

a)	Nature of Sample #	STP Inlet Water (Township).
b)	Grade / Variety / Type / Class / Size etc.	NA
c)	Brand Name	NA
d)	Declared Values,if any	NA
e)	Code No.	
f)	Batch Number #	NA
g)	D.O.M #	NA
h)	Date of Expiry #	NA
i)	Sample Quantity #	2 Ltr
j)	Batch Size/Location #	NA
k)	Mode of Packing	Packed in can
l)	Date of Receipt	03-09-2021
m)	Date of Start	03-09-2021
n)	Date of Completion	18-09-2021
o)	Seal (Intact/Not Intact/Unsealed)	NA
p)	IO'S Signature (Signed/Unsigned)	Unsigned
q)	Any Other Information	Sample collected by lab rep. on 02.09.2021
r)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
s)	Manufactured By #	NA
t)	Supplied By #	NA

PART B : SUPPLIMENTARY INFORMATIONS



18-09-2021
Gaurav Khandelwal
[Authorized Signatory]



Saurabh Sharma
18-09-2021
Reviewer



18-09-2021
PremKumar
[Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.

(ISO 9001:2015 & 14001:2015 OHSAS 18001:2007 Certified Laboratory)

(A Government Approved Test House)

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

Phone : (O) 0172-2561543, 2565825

Visit us : www.itclabs.com Email : customersupport@itclabs.com

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 2 of 3

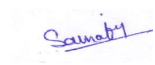
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2109030047
	Sample Reg. Date :03-09-2021
	Report Date :18-09-2021
	Report No. :ICE-2109180376
	NABL ULR No. :TC592621000010221F
	Customer Ref. No. :Order No.5030010814
	Letter Dated :29.10.2020

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 : Atmospheric Pollution			
1.	General Parameters			
a.	Nitrate as NO ₃ (mg/l)	IS:3025(P-34)		BLQ(LOQ:1.0)
b.	Calcium(as Ca)(mg/l)	IS:3025(P-40)	-	86
c.	Magnesium as Mg(mg/l)	IS:3025(Part-46)	-	29
d.	Sodium(as Na)(mg/l)	IS:3025(P-45)	-	65.2
e.	Potassium as K,(mg/l)	IS:3025(P-45)		12.7
f.	Phosphate as PO ₄ (mg/l)	APHA-23rd Edition		1.2
	Discipline : Biological			
	Group : Atmospheric Pollution			
1.	Microbiological Tests			
a.	Faecal Coliforms, (MPN/100ml)	APHA-23 rd Edn 17-9221 F		2.7 x 1000000
b.	E.coli, (MPN/100ml)	APHA-23 rd Edn 17-9221 F		1.4 x 1000000
c.	Total Coliform (MPN/100ml)	APHA-23 rd Edn 17-9221 F		7.6 x 10000000

'#' represents Customer Defined Fields


18-09-2021
Gaurav Khandelwal
[Authorized Signatory]


Saurabh Sharma
18-09-2021
Reviewer


18-09-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 3 of 3

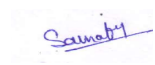
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2109030047 Sample Reg. Date :03-09-2021 Report Date :18-09-2021 Report No. :ICE-2109180376 NABL ULR No. :TC592621000010221F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

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

REMARKS :N/A

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


18-09-2021
Gaurav Khandelwal
[Authorized Signatory]


Saurabh Sharma
18-09-2021
Reviewer


18-09-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 1 of 3

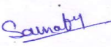
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2109030048 Sample Reg. Date :03-09-2021 Report Date :13-09-2021 Report No. :ICE-2109130177 NABL ULR No. :TC592621000009891F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

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)	Grade / Variety / Type / Class / Size etc.	NA
c)	Brand Name	NA
d)	Declared Values,if any	NA
e)	Code No.	
f)	Batch Number #	NA
g)	D.O.M #	NA
h)	Date of Expiry #	NA
i)	Sample Quantity #	2 Ltr
j)	Batch Size/Location #	NA
k)	Mode of Packing	Packed in can
l)	Date of Receipt	03-09-2021
m)	Date of Start	03-09-2021
n)	Date of Completion	13-09-2021
o)	Seal (Intact/Not Intact/Unsealed)	NA
p)	IO'S Signature (Signed/Unsigned)	Unsigned
q)	Any Other Information	Sample collected by lab rep. on 02.09.2021
r)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
s)	Manufactured By #	NA
t)	Supplied By #	NA

PART B : SUPPLIMENTARY INFORMATIONS


Saurabh Sharma
13-09-2021
Reviewer


13-09-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 2 of 3

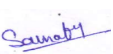
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. : E01-2109030048 Sample Reg. Date : 03-09-2021 Report Date : 13-09-2021 Report No. : ICE-2109130177 NABL ULR No. : TC592621000009891F Customer Ref. No. : Order No.5030010814 Letter Dated : 29.10.2020

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

Description				
Description		STP Outlet Water (Township)		
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Pollution & Environment				
1. General Parameters				
a.	Colour	IS:3025(Part4):1983(RA: 2017)amd. no1	Not Specified	Colourless
b.	Odour	IS:3025(Part 5):1983(RA:2017)	Not Specified	None
c.	pH Value	IS:3025 (Part - 11):1983(RA:2017)	6.5-9	7.41
d.	Total Suspended Solids,(mg/l)	IS:3025(Part 17)	Max. 100	12
e.	Total Dissolved Solids (mg/l)	IS:3025(Part 16):1984(RA.2006)	Not Specified	684
f.	Chemical Oxygen Demand(mg/l)	APHA-23rd Edition	Not Specified	50
g.	Bio-chemical Oxygen Demand, mg/l (3 days at 27°C)	IS:3025(P-44)	Max. 30	14
h.	Oil & Grease(mg/l)	IS:3025(P-39)	Max. 10	0.2
i.	Free Residual Chlorine (mg/l)	IS:3025(P-26)	Max. 1.0	BLQ(LOQ:1.0)

'#' represents Customer Defined Fields

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


Saurabh Sharma
13-09-2021
Reviewer


13-09-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

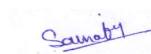
Document QF : 2501

Page 3 of 3

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2109030048 Sample Reg. Date :03-09-2021 Report Date :13-09-2021 Report No. :ICE-2109130177 NABL ULR No. :TC592621000009891F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

REMARKS :N/A

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


Saurabh Sharma
13-09-2021
Reviewer


13-09-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 1 of 3

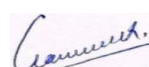
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2109030049 Sample Reg. Date :03-09-2021 Report Date :18-09-2021 Report No. :ICE-2109180377 NABL ULR No. :TC592621000010222F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

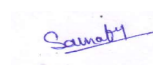
Test Report as per IS: EPA Act 1986/PCLS/2010	With Amendment No.(s):

PART A : PARTICULARS OF SAMPLE SUBMITTED

a)	Nature of Sample#	STP Outlet Water (Township).
b)	Grade / Variety / Type / Class / Size etc.	NA
c)	Brand Name	NA
d)	Declared Values,if any	NA
e)	Code No.	
f)	Batch Number#	NA
g)	D.O.M#	NA
h)	Date of Expiry#	NA
i)	Sample Quantity#	2 Ltr
j)	Batch Size/Location#	NA
k)	Mode of Packing	Packed in can
l)	Date of Receipt	03-09-2021
m)	Date of Start	03-09-2021
n)	Date of Completion	18-09-2021
o)	Seal (Intact/Not Intact/Unsealed)	NA
p)	IO'S Signature (Signed/Unsigned)	Unsigned
q)	Any Other Information	Sample collected by lab rep. on 02.09.2021
r)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
s)	Manufactured By#	NA
t)	Supplied By#	NA

PART B : SUPPLIMENTARY INFORMATIONS


18-09-2021
Gaurav Khandelwal
[Authorized Signatory]


18-09-2021
Saurabh Sharma
Reviewer


18-09-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

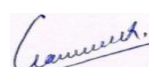
Page 2 of 3

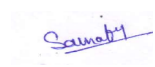
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. : E01-2109030049 Sample Reg. Date : 03-09-2021 Report Date : 18-09-2021 Report No. : ICE-2109180377 NABL ULR No. : TC592621000010222F Customer Ref. No. : Order No.5030010814 Letter Dated : 29.10.2020

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

Description				
Description		STP Outlet Water (Township).		
S.No.	Parameters	Method	Specification	Result
Discipline : Chemical				
Group : Pollution & Environment				
1. General Parameters				
a.	Nitrate as NO ₃ (mg/l)	IS 3025 (Part 34)	Max. 10	BLQ(LOQ:1.0)
b.	Calcium(as Ca)(mg/l)	IS:3025(P-40)	Not Specified	111
c.	Magnesium as Mg(mg/l)	IS: 3025 (P-46)	Not Specified	32
d.	Sodium(as Na)(mg/l)	IS:3025(P-45)	Not Specified	71.4
e.	Potassium as K ₂ (mg/l)	IS:3025(P-45)	Not Specified	11.5
f.	Phosphate(as PO ₄), mg/L	APHA-23rd Edition	Max. 5.0	0.8
Discipline : Biological				
Group : Pollution & Environment				
1. Microbiological Tests				
a.	Faecal Coliform, MPN/100ml	APHA-23 rd Edn 17-9221 F	Max. 1000	540
b.	E.coli, (MPN/100ml)	APHA 23rd Edn 17-9221 E	Not Specified	240
c.	Total Coliform (MPN/100ml)	APHA-23 rd Edn 17-9221 F	Not Specified	920

'#' represents Customer Defined Fields


18-09-2021
Gaurav Khandelwal
[Authorized Signatory]


Saurabh Sharma
18-09-2021
Reviewer


18-09-2021
Prem Kumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 3 of 3

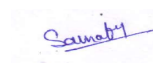
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2109030049 Sample Reg. Date :03-09-2021 Report Date :18-09-2021 Report No. :ICE-2109180377 NABL ULR No. :TC592621000010222F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

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*****


18-09-2021
Gaurav Khandelwal
[Authorized Signatory]


Saurabh Sharma
18-09-2021
Reviewer


18-09-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 1 of 5

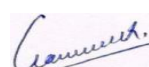
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2109030053 Sample Reg. Date :03-09-2021 Report Date :04-10-2021 Report No. :ICE-2110040055 NABL ULR No. :TC592621000011219F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

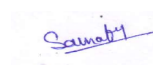
Test Report as per IS: BIS Specification IS:10500-2012	With Amendment No.(s): 01 to 03

PART A : PARTICULARS OF SAMPLE SUBMITTED

a)	Nature of Sample #	Ground Water
b)	Grade / Variety / Type / Class / Size etc.	NA
c)	Brand Name	NA
d)	Declared Values,if any	NA
e)	Code No.	
f)	Batch Number #	NA
g)	D.O.M #	NA
h)	Date of Expiry #	NA
i)	Sample Quantity #	6 Ltr
j)	Batch Size/Location #	NA
k)	Mode of Packing	Packed in cans
l)	Date of Receipt	03-09-2021
m)	Date of Start	03-09-2021
n)	Date of Completion	04-10-2021
o)	Seal (Intact/Not Intact/Unsealed)	NA
p)	IO'S Signature (Signed/Unsigned)	Unsigned
q)	Any Other Information	Sample collected by lab rep. Mr. Vipin on 02.09.2021, Sample from Village-Wazirpur
r)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
s)	Manufactured By #	NA
t)	Supplied By #	NA

PART B : SUPPLIMENTARY INFORMATIONS


04-10-2021
Gaurav Khandelwal
[Authorized Signatory]


Saurabh Sharma
04-10-2021
Reviewer


04-10-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

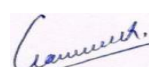
Document QF : 2501

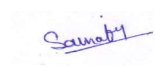
Page 2 of 5

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2109030053 Sample Reg. Date :03-09-2021 Report Date :04-10-2021 Report No. :ICE-2110040055 NABL ULR No. :TC592621000011219F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

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 (Hazen)	IS:3025(Part4):1983(RA:2017)amd. no1	5 Max.	15 Max.	4
b.	Taste	IS:3025(Part 8):1984(RA:2017)	Agreeable	-	Agreeable
c.	Odour	IS:3025(Part 5):1983(RA:2017)	Agreeable	-	Agreeable
d.	pH Value	IS:3025 (Part - 11):1983(RA:2017)	6.5-8.5	No relaxation	7.56
e.	Turbidity(NTU)	IS:3025(Part 10):1984(RA:2017)	1 Max.	5 Max.	<0.5
f.	Total Dissolved Solids,(mg/l)	IS:3025(Part 16):1984(RA:2006)	500 Max.	2000 Max.	1924
2.	Parameters Concerning Undesirable Substances in excess amount				
a.	Aluminium as Al, (mg/l)	IS:3025(Part 55):RA2014	0.03 Max.	0.2 Max.	BLQ(LOQ:0.02)
b.	Ammonia (as total ammonia-N) (mg/l)	IS:3025(Part 34):1988(RA:2014)	0.5 Max.	No Relaxation	BLQ(LOQ:0.1)
c.	Anionic detergent(as MBAS),(mg/l)	IS:13428:2005(RA:2009)-Annex K	0.2 Max.	1.0 Max.	BLQ(LOQ(0.05)


 04-10-2021
 Gaurav Khandelwal
 [Authorized Signatory]


 Saurabh Sharma
 04-10-2021
 Reviewer


 04-10-2021
 Prem Kumar
 [Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

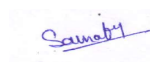
Page 3 of 5

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2109030053 Sample Reg. Date :03-09-2021 Report Date :04-10-2021 Report No. :ICE-2110040055 NABL ULR No. :TC592621000011219F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

d.	Barium (as Ba) (mg/l)	IS:13428:2005(RA:2014)Annex. F/IS:3025(P-65)	0.7 Max.	No relaxation	BLQ(LOQ:0.3)
e.	Boron (as B) (mg/l)	Apha 23rd Edn.2017-3120 B/IS:3025(Part 57):2004(RA:2017)	0.5 Max.	2.4 Max.	0.62
f.	Calcium(as Ca), (mg/l)	IS:3025(Part 40):1991(RA:2014) amd no 1	75 Max.	200 Max.	126
g.	Chloramines (as Cl ₂), (mg/l)	IS:3025(Part 26):1986 amd no 1(RA 2014)	4.0 Max.	No relaxation	BLQ(LOQ:0.02)
h.	Chloride(as Cl) (mg/l)	IS:3025(Part 32):1988(RA:2014)	250 Max.	1000 Max.	384
i.	Copper (as Cu) (mg/l)	IS:3025(P-65)	0.05 Max.	1.5 Max.	BLQ(LOQ:0.002)
j.	Fluoride as F (mg/l)	IS:3025(Part 60):2008 amd. no 1(RA:2013)	1.0 Max.	1.5 Max.	0.8
k.	Phenolic compounds (as C ₆ H ₅ OH), (mg/l)	IS:3025(P-43)	0.001 Max.	0.002 Max.	BLQ(LOQ:0.001)
l.	Free Residual Chlorine, (mg/l)	IS:3025(P-26)	0.2 Min.	1.0 Max.	Not Applicable
m.	Iron (as Fe) (mg/l)	IS:3025(Part 53):2003(RA:2014)	1.0 Max.	No relaxation	0.014
n.	Magnesium as Mg (mg/l)	IS:3025(Part 46):1994 amd. no. 2(RA:2014)	30 Max.	100 Max.	63.6
o.	Manganese as Mn, (mg/l)	Apha 23rd Edn.2017-3125 B/IS:3025(Part 59):2004(RA:2017)	0.1 Max.	0.3 Max.	BLQ(LOQ:0.1)
p.	Mineral Oil, (mg/l)	Clause 6 of IS:3025(Part39)	1.0 Max.	No Relaxation	BLQ(LOQ: 0.01)
q.	Nitrate as NO ₃ (mg/l)	IS:3025(Part 34):1988(RA:2014)	45 Max.	No Relaxation	8
r.	Selenium (as Se) (mg/l)	IS:3025(P-65)	0.01 Max.	No Relaxation	0.004
s.	Silver (as Ag) (mg/l)	IS:3025(P-65)	0.1 Max.	No Relaxation	BLQ(LOQ:0.002)
t.	Sulphate(as SO ₄) (mg/l)	IS:3025(Part 24):1986(RA:2014)	200 Max.	400 Max.	348



04-10-2021
Gaurav Khandelwal
[Authorized Signatory]



Saurabh Sharma
04-10-2021
Reviewer



04-10-2021
Prem Kumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 4 of 5

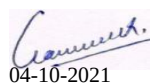
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2109030053 Sample Reg. Date :03-09-2021 Report Date :04-10-2021 Report No. :ICE-2110040055 NABL ULR No. :TC592621000011219F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

u.	Sulphide as H ₂ S, (mg/l)	IS:3025(Part 29)	0.05 Max.	No Relaxation	BLQ(LOQ:0.05)
v.	Total Alkalinity(as CaCO ₃)(mg/l)	IS:3025(Part 23)	200 Max.	600 Max.	515
w.	Total Hardness(as CaCO ₃), (mg/l)	IS 3025 (Part 21)	200 Max.	600 Max.	577
x.	Zinc(as Zn)(mg/l)	IS:3025(P-65)	5 Max.	15 Max.	0.008
3. Parameters Concerning Toxic Substances					
a.	Cadmium(as Cd)(mg/l)	IS:3025(P-65)	0.003 Max.	No Relaxation	BLQ(LOQ:0.002)
b.	Cyanide(asCN)(mg/l)	IS:3025(Part 27)	0.05 Max.	No Relaxation	BLQ(LOQ:0.01)
c.	Lead(as Pb)(mg/l)	IS:3025(P-65)	0.01 Max.	No Relaxation	BLQ(LOQ:0.002)
d.	Mercury(as Hg)(mg/l)	IS:3025(P-65)	0.001 Max.	No Relaxation	BLQ(LOQ:0.001)
e.	Molybdenum(as Mo)(mg/l)	IS:3025(P-65)	0.07 Max.	No Relaxation	0.019
f.	Nickel(as Ni) (mg/l)	IS:3025(P-65)	0.02 Max.	No Relaxation	BLQ(LOQ:0.002)
g.	Total Arsenic(as As)(mg/l)	IS:3025(P-65)	0.01 Max.	No relaxation	BLQ(LOQ:0.002)
h.	Total Chromium(as Cr)(mg/l)	IS:3025(P-65)	0.05 Max.	No Relaxation	0.007
Discipline : Biological					
Group : Water					
1. Microbiological Tests					
a.	E.Coli/100 ml	IS:15185(Membrane Filtration Method)	Shall not be detectable in any 100 ml sample	-	Absent
b.	Total Coliform Count/100 ml	IS:15185(Membrane Filtration Method)	Shall not be detectable in any 100 ml sample	-	Absent

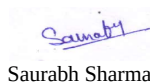
'#' represents Customer Defined Fields

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

REMARKS :The above referred sample of Ground Water conforms to BIS Specification IS:10500-2012 with upto date amdots with respect to the above tests.



04-10-2021
Gaurav Khandelwal
[Authorized Signatory]



Saurabh Sharma
04-10-2021
Reviewer



04-10-2021
Prem Kumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

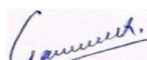
Test Report

Document QF : 2501

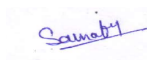
Page 5 of 5

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2109030053 Sample Reg. Date :03-09-2021 Report Date :04-10-2021 Report No. :ICE-2110040055 NABL ULR No. :TC592621000011219F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

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



04-10-2021
Gaurav Khandelwal
[Authorized Signatory]



Saurabh Sharma
04-10-2021
Reviewer



04-10-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 1 of 5

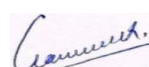
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2109030054 Sample Reg. Date :03-09-2021 Report Date :04-10-2021 Report No. :ICE-2110040058 NABL ULR No. :TC592621000011220F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

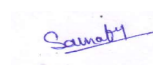
Test Report as per IS: BIS Specification IS:10500-2012	With Amendment No.(s): 01 to 03

PART A : PARTICULARS OF SAMPLE SUBMITTED

a)	Nature of Sample #	Ground Water
b)	Grade / Variety / Type / Class / Size etc.	NA
c)	Brand Name	NA
d)	Declared Values,if any	NA
e)	Code No.	
f)	Batch Number #	NA
g)	D.O.M #	NA
h)	Date of Expiry #	NA
i)	Sample Quantity #	6 Ltr
j)	Batch Size/Location #	NA
k)	Mode of Packing	Packed in cans
l)	Date of Receipt	03-09-2021
m)	Date of Start	03-09-2021
n)	Date of Completion	04-10-2021
o)	Seal (Intact/Not Intact/Unsealed)	NA
p)	IO'S Signature (Signed/Unsigned)	Unsigned
q)	Any Other Information	Sample collected by lab rep. Mr. Vipin on 02.09.2021, Sample from Village-Jhamari
r)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
s)	Manufactured By #	NA
t)	Supplied By #	NA

PART B : SUPPLIMENTARY INFORMATIONS


04-10-2021
Gaurav Khandelwal
[Authorized Signatory]


Saurabh Sharma
04-10-2021
Reviewer


04-10-2021
PremKumar
[Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.

(ISO 9001:2015 & 14001:2015 OHSAS 18001:2007 Certified Laboratory)

(A Government Approved Test House)

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

Phone : (O) 0172-2561543, 2565825

Visit us : www.itclabs.com Email : customersupport@itclabs.com

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

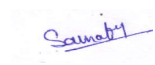
Page 2 of 5

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2109030054 Sample Reg. Date :03-09-2021 Report Date :04-10-2021 Report No. :ICE-2110040058 NABL ULR No. :TC592621000011220F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

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 (Hazen)	IS:3025(Part4):1983(RA:2017)amd. no1	5 Max.	15 Max.	4
b.	Taste	IS:3025(Part 8):1984(RA:2017)	Agreeable	-	Agreeable
c.	Odour	IS:3025(Part 5):1983(RA:2017)	Agreeable	-	Agreeable
d.	pH Value	IS:3025 (Part - 11):1983(RA:2017)	6.5-8.5	No relaxation	7.72
e.	Turbidity(NTU)	IS:3025(Part 10):1984(RA:2017)	1 Max.	5 Max.	0.6
f.	Total Dissolved Solids,(mg/l)	IS:3025(Part 16):1984(RA.2006)	500 Max.	2000 Max.	1948
2.	Parameters Concerning Undesirable Substances in excess amount				
a.	Aluminium as Al, (mg/l)	IS:3025(Part 55):RA2014	0.03 Max.	0.2 Max.	BLQ(LOQ:0.02)
b.	Ammonia (as total ammonia-N) (mg/l)	IS:3025(Part 34):1988(RA:2014)	0.5 Max.	No Relaxation	BLQ(LOQ:0.1)
c.	Anionic detergent(as MBAS),(mg/l)	IS:13428:2005(RA:2009)-Annex K	0.2 Max.	1.0 Max.	BLQ(LOQ:0.05)


 04-10-2021
 Gaurav Khandelwal
 [Authorized Signatory]


 Saurabh Sharma
 04-10-2021
 Reviewer


 04-10-2021
 Prem Kumar
 [Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

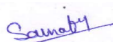
Page 3 of 5

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2109030054 Sample Reg. Date :03-09-2021 Report Date :04-10-2021 Report No. :ICE-2110040058 NABL ULR No. :TC592621000011220F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

d.	Barium (as Ba) (mg/l)	IS:13428:2005(RA:2014)Annex. F/IS:3025(P-65)	0.7 Max.	No relaxation	BLQ(LOQ:0.3)
e.	Boron (as B) (mg/l)	Apha 23rd Edn.2017-3120 B/IS:3025(Part 57):2004(RA:2017)	0.5 Max.	2.4 Max.	0.62
f.	Calcium(as Ca), (mg/l)	IS:3025(Part 40):1991(RA:2014) amd no 1	75 Max.	200 Max.	126
g.	Chloramines (as Cl ₂), (mg/l)	IS:3025(Part 26):1986 amd no 1(RA 2014)	4.0 Max.	No relaxation	BLQ(LOQ:0.02)
h.	Chloride(as Cl) (mg/l)	IS:3025(Part 32):1988(RA:2014)	250 Max.	1000 Max.	375
i.	Copper (as Cu) (mg/l)	IS:3025(P-65)	0.05 Max.	1.5 Max.	BLQ(LOQ:0.002)
j.	Fluoride as F (mg/l)	IS:3025(Part 60):2008 amd. no 1(RA:2013)	1.0 Max.	1.5 Max.	0.8
k.	Phenolic compounds (as C ₆ H ₅ OH), (mg/l)	IS:3025(P-43)	0.001 Max.	0.002 Max.	BLQ(LOQ:0.001)
l.	Free Residual Chlorine, (mg/l)	IS:3025(P-26)	0.2 Min.	1.0 Max.	Not Applicable
m.	Iron (as Fe) (mg/l)	IS:3025(Part 53):2003(RA:2014)	1.0 Max.	No relaxation	0.088
n.	Magnesium as Mg (mg/l)	IS:3025(Part 46):1994 amd. no. 2(RA:2014)	30 Max.	100 Max.	50.5
o.	Manganese as Mn, (mg/l)	Apha 23rd Edn.2017-3125 B/IS:3025(Part 59):2004(RA:2017)	0.1 Max.	0.3 Max.	BLQ(LOQ:0.1)
p.	Mineral Oil, (mg/l)	Clause 6 of IS:3025(Part39)	1.0 Max.	No Relaxation	BLQ(LOQ: 0.01)
q.	Nitrate as NO ₃ (mg/l)	IS:3025(Part 34):1988(RA:2014)	45 Max.	No Relaxation	8
r.	Selenium (as Se) (mg/l)	IS:3025(P-65)	0.01 Max.	No Relaxation	0.004
s.	Silver (as Ag) (mg/l)	IS:3025(P-65)	0.1 Max.	No Relaxation	BLQ(LOQ:0.002)
t.	Sulphate(as SO ₄) (mg/l)	IS:3025(Part 24):1986(RA:2014)	200 Max.	400 Max.	386



04-10-2021
Gaurav Khandelwal
[Authorized Signatory]



Saurabh Sharma
04-10-2021
Reviewer



04-10-2021
Prem Kumar
[Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.

(ISO 9001:2015 & 14001:2015 OHSAS 18001:2007 Certified Laboratory)

(A Government Approved Test House)

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

Phone : (O) 0172-2561543, 2565825

Visit us : www.itclabs.com Email : customersupport@itclabs.com

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 4 of 5

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2109030054 Sample Reg. Date :03-09-2021 Report Date :04-10-2021 Report No. :ICE-2110040058 NABL ULR No. :TC592621000011220F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

u.	Sulphide as H ₂ S, (mg/l)	IS:3025(Part 29)	0.05 Max.	No Relaxation	BLQ(LOQ:0.05)
v.	Total Alkalinity(as CaCO ₃)(mg/l)	IS:3025(Part 23)	200 Max.	600 Max.	545.9
w.	Total Hardness(as CaCO ₃), (mg/l)	IS 3025 (Part 21)	200 Max.	600 Max.	523
x.	Zinc(as Zn)(mg/l)	IS:3025(P-65)	5 Max.	15 Max.	0.023
3. Parameters Concerning Toxic Substances					
a.	Cadmium(as Cd)(mg/l)	IS:3025(P-65)	0.003 Max.	No Relaxation	BLQ(LOQ:0.002)
b.	Cyanide(asCN)(mg/l)	IS:3025(Part 27)	0.05 Max.	No Relaxation	BLQ(LOQ:0.01)
c.	Lead(as Pb)(mg/l)	IS:3025(P-65)	0.01 Max.	No Relaxation	BLQ(LOQ:0.002)
d.	Mercury(as Hg)(mg/l)	IS:3025(P-65)	0.001 Max.	No Relaxation	BLQ(LOQ:0.001)
e.	Molybdenum(as Mo)(mg/l)	IS:3025(P-65)	0.07 Max.	No Relaxation	0.016
f.	Nickel(as Ni) (mg/l)	IS:3025(P-65)	0.02 Max.	No Relaxation	BLQ(LOQ:0.002)
g.	Total Arsenic(as As)(mg/l)	IS:3025(P-65)	0.01 Max.	No relaxation	BLQ(LOQ:0.002)
h.	Total Chromium(as Cr)(mg/l)	IS:3025(P-65)	0.05 Max.	No Relaxation	0.006
Discipline : Biological					
Group : Water					
1. Microbiological Tests					
a.	E.Coli/100 ml	IS:15185(Membrane Filtration Method)	Shall not be detectable in any 100 ml sample	-	Absent
b.	Total Coliform Count/100 ml	IS:15185(Membrane Filtration Method)	Shall not be detectable in any 100 ml sample	-	Absent

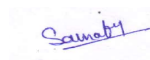
'#' represents Customer Defined Fields

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

REMARKS :The above referred sample of Ground Water conforms to BIS Specification IS:10500-2012 with upto date amdots with respect to the above tests.



04-10-2021
Gaurav Khandelwal
[Authorized Signatory]



Saurabh Sharma
04-10-2021
Reviewer



04-10-2021
Prem Kumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

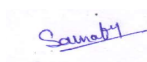
Page 5 of 5

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2109030054 Sample Reg. Date :03-09-2021 Report Date :04-10-2021 Report No. :ICE-2110040058 NABL ULR No. :TC592621000011220F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

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



04-10-2021
Gaurav Khandelwal
[Authorized Signatory]



Saurabh Sharma
04-10-2021
Reviewer



04-10-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 1 of 5

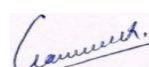
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2109030055 Sample Reg. Date :03-09-2021 Report Date :04-10-2021 Report No. :ICE-2110040057 NABL ULR No. :TC592621000011221F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

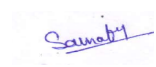
Test Report as per IS: BIS Specification IS:10500-2012	With Amendment No.(s): 01 to 03

PART A : PARTICULARS OF SAMPLE SUBMITTED

a)	Nature of Sample #	Ground Water
b)	Grade / Variety / Type / Class / Size etc.	NA
c)	Brand Name	NA
d)	Declared Values,if any	NA
e)	Code No.	
f)	Batch Number #	NA
g)	D.O.M #	NA
h)	Date of Expiry #	NA
i)	Sample Quantity #	6 Ltr
j)	Batch Size/Location #	NA
k)	Mode of Packing	Packed in cans
l)	Date of Receipt	03-09-2021
m)	Date of Start	03-09-2021
n)	Date of Completion	04-10-2021
o)	Seal (Intact/Not Intact/Unsealed)	NA
p)	IO'S Signature (Signed/Unsigned)	Unsigned
q)	Any Other Information	Sample collected by lab rep. Mr. Vipin on 02.09.2021, Sample from Village-Khanpur Khurd
r)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
s)	Manufactured By #	NA
t)	Supplied By #	NA

PART B : SUPPLIMENTARY INFORMATIONS


04-10-2021
Gaurav Khandelwal
[Authorized Signatory]


Saurabh Sharma
04-10-2021
Reviewer


04-10-2021
PremKumar
[Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.

(ISO 9001:2015 & 14001:2015 OHSAS 18001:2007 Certified Laboratory)

(A Government Approved Test House)

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

Phone : (O) 0172-2561543, 2565825

Visit us : www.itclabs.com Email : customersupport@itclabs.com

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

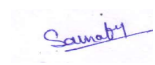
Page 2 of 5

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2109030055 Sample Reg. Date :03-09-2021 Report Date :04-10-2021 Report No. :ICE-2110040057 NABL ULR No. :TC592621000011221F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

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 (Hazen)	IS:3025(Part4):1983(RA:2017)amd. no1	5 Max.	15 Max.	4
b.	Taste	IS:3025(Part 8):1984(RA:2017)	Agreeable	-	Agreeable
c.	Odour	IS:3025(Part 5):1983(RA:2017)	Agreeable	-	Agreeable
d.	pH Value	IS:3025 (Part - 11):1983(RA:2017)	6.5-8.5	No relaxation	7.48
e.	Turbidity(NTU)	IS:3025(Part 10):1984(RA:2017)	1 Max.	5 Max.	<0.5
f.	Total Dissolved Solids,(mg/l)	IS:3025(Part 16):1984(RA:2006)	500 Max.	2000 Max.	1927
2.	Parameters Concerning Undesirable Substances in excess amount				
a.	Aluminium as Al, (mg/l)	IS:3025(Part 55):RA2014	0.03 Max.	0.2 Max.	BLQ(LOQ:0.02)
b.	Ammonia (as total ammonia-N) (mg/l)	IS:3025(Part 34):1988(RA:2014)	0.5 Max.	No Relaxation	BLQ(LOQ:0.1)
c.	Anionic detergent(as MBAS),(mg/l)	IS:13428:2005(RA:2009)-Annex K	0.2 Max.	1.0 Max.	BLQ(LOQ:0.05)


 04-10-2021
 Gaurav Khandelwal
 [Authorized Signatory]


 Saurabh Sharma
 04-10-2021
 Reviewer


 04-10-2021
 Prem Kumar
 [Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

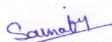
Page 3 of 5

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2109030055 Sample Reg. Date :03-09-2021 Report Date :04-10-2021 Report No. :ICE-2110040057 NABL ULR No. :TC592621000011221F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

d.	Barium (as Ba) (mg/l)	IS:13428:2005(RA:2014)Annex. F/IS:3025(P-65)	0.7 Max.	No relaxation	BLQ(LOQ:0.3)
e.	Boron (as B) (mg/l)	Apha 23rd Edn.2017-3120 B/IS:3025(Part 57):2004(RA:2017)	0.5 Max.	2.4 Max.	0.622
f.	Calcium(as Ca), (mg/l)	IS:3025(Part 40):1991(RA:2014) amd no 1	75 Max.	200 Max.	90
g.	Chloramines (as Cl ₂), (mg/l)	IS:3025(Part 26):1986 amd no 1(RA 2014)	4.0 Max.	No relaxation	BLQ(LOQ0.02)
h.	Chloride(as Cl) (mg/l)	IS:3025(Part 32):1988(RA:2014)	250 Max.	1000 Max.	448
i.	Copper (as Cu) (mg/l)	IS:3025(P-65)	0.05 Max.	1.5 Max.	BLQ(LOQ:0.002)
j.	Fluoride as F (mg/l)	IS:3025(Part 60):2008 amd. no 1(RA:2013)	1.0 Max.	1.5 Max.	0.8
k.	Phenolic compounds (as C ₆ H ₅ OH), (mg/l)	IS:3025(P-43)	0.001 Max.	0.002 Max.	BLQ(LOQ:0.001)
l.	Free Residual Chlorine, (mg/l)	IS:3025(P-26)	0.2 Min.	1.0 Max.	Not Applicable
m.	Iron (as Fe) (mg/l)	IS:3025(Part 53):2003(RA:2014)	1.0 Max.	No relaxation	0.017
n.	Magnesium as Mg (mg/l)	IS:3025(Part 46):1994 amd. no. 2(RA:2014)	30 Max.	100 Max.	72.65
o.	Manganese as Mn, (mg/l)	Apha 23rd Edn.2017-3125 B/IS:3025(Part 59):2004(RA:2017)	0.1 Max.	0.3 Max.	BLQ(LOQ:0.1)
p.	Mineral Oil, (mg/l)	Clause 6 of IS:3025(Part39)	1.0 Max.	No Relaxation	BLQ(LOQ: 0.01)
q.	Nitrate as NO ₃ (mg/l)	IS:3025(Part 34):1988(RA:2014)	45 Max.	No Relaxation	1.12
r.	Selenium (as Se) (mg/l)	IS:3025(P-65)	0.01 Max.	No Relaxation	0.004
s.	Silver (as Ag) (mg/l)	IS:3025(P-65)	0.1 Max.	No Relaxation	BLQ(LOQ:0.002)
t.	Sulphate(as SO ₄) (mg/l)	IS:3025(Part 24):1986(RA:2014)	200 Max.	400 Max.	366



04-10-2021
Gaurav Khandelwal
[Authorized Signatory]



Saurabh Sharma
04-10-2021
Reviewer



04-10-2021
Prem Kumar
[Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.

(ISO 9001:2015 & 14001:2015 OHSAS 18001:2007 Certified Laboratory)

(A Government Approved Test House)

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

Phone : (O) 0172-2561543, 2565825

Visit us : www.itclabs.com Email : customersupport@itclabs.com

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 4 of 5

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2109030055 Sample Reg. Date :03-09-2021 Report Date :04-10-2021 Report No. :ICE-2110040057 NABL ULR No. :TC592621000011221F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

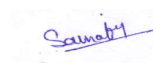
u.	Sulphide as H ₂ S, (mg/l)	IS:3025(Part 29)	0.05 Max.	No Relaxation	BLQ(LOQ0.05)
v.	Total Alkalinity(as CaCO ₃)(mg/l)	IS:3025(Part 23)	200 Max.	600 Max.	504.7
w.	Total Hardness(as CaCO ₃), (mg/l)	IS 3025 (Part 21)	200 Max.	600 Max.	524
x.	Zinc(as Zn)(mg/l)	IS:3025(P-65)	5 Max.	15 Max.	0.007
3. Parameters Concerning Toxic Substances					
a.	Cadmium(as Cd)(mg/l)	IS:3025(P-65)	0.003 Max.	No Relaxation	BLQ(LOQ:0.002)
b.	Cyanide(asCN)(mg/l)	IS:3025(Part 27)	0.05 Max.	No Relaxation	BLQ(LOQ:0.01)
c.	Lead(as Pb)(mg/l)	IS:3025(P-65)	0.01 Max.	No Relaxation	BLQ(LOQ:0.002)
d.	Mercury(as Hg)(mg/l)	IS:3025(P-65)	0.001 Max.	No Relaxation	BLQ(LOQ:0.001)
e.	Molybdenum(as Mo)(mg/l)	IS:3025(P-65)	0.07 Max.	No Relaxation	0.016
f.	Nickel(as Ni) (mg/l)	IS:3025(P-65)	0.02 Max.	No Relaxation	BLQ(LOQ:0.002)
g.	Total Arsenic(as As)(mg/l)	IS:3025(P-65)	0.01 Max.	No relaxation	BLQ(LOQ:0.002)
h.	Total Chromium(as Cr)(mg/l)	IS:3025(P-65)	0.05 Max.	No Relaxation	0.008
Discipline : Biological					
Group : Water					
1. Microbiological Tests					
a.	E.Coli/100 ml	IS:15185(Membrane Filtration Method)	Shall not be detectable in any 100 ml sample	-	Absent
b.	Total Coliform Count/100 ml	IS:15185(Membrane Filtration Method)	Shall not be detectable in any 100 ml sample	-	Absent

'#' represents Customer Defined Fields

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

REMARKS :The above referred sample of Ground Water conforms to BIS Specification IS:10500-2012 with upto date amdots with respect to the above tests.


04-10-2021
Gaurav Khandelwal
[Authorized Signatory]


Saurabh Sharma
04-10-2021
Reviewer


04-10-2021
Prem Kumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

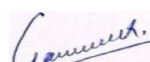
Test Report

Document QF : 2501

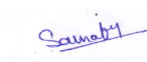
Page 5 of 5

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2109030055 Sample Reg. Date :03-09-2021 Report Date :04-10-2021 Report No. :ICE-2110040057 NABL ULR No. :TC592621000011221F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

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



04-10-2021
Gaurav Khandelwal
[Authorized Signatory]



Saurabh Sharma
04-10-2021
Reviewer



04-10-2021
PremKumar
[Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.

(ISO 9001:2015 & 14001:2015 OHSAS 18001:2007 Certified Laboratory)

(A Government Approved Test House)

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

Phone : (O) 0172-2561543, 2565825

Visit us : www.itclabs.com Email : customersupport@itclabs.com

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 1 of 5

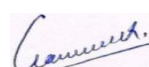
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2109030056 Sample Reg. Date :03-09-2021 Report Date :04-10-2021 Report No. :ICE-2110040056 NABL ULR No. :TC592621000011222F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

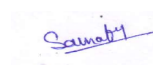
Test Report as per IS: BIS Specification IS:10500-2012	With Amendment No.(s): 01 to 03

PART A : PARTICULARS OF SAMPLE SUBMITTED

a)	Nature of Sample #	Ground Water
b)	Grade / Variety / Type / Class / Size etc.	NA
c)	Brand Name	NA
d)	Declared Values,if any	NA
e)	Code No.	
f)	Batch Number #	NA
g)	D.O.M #	NA
h)	Date of Expiry #	NA
i)	Sample Quantity #	6 Ltr
j)	Batch Size/Location #	NA
k)	Mode of Packing	Packed in cans
l)	Date of Receipt	03-09-2021
m)	Date of Start	03-09-2021
n)	Date of Completion	04-10-2021
o)	Seal (Intact/Not Intact/Unsealed)	NA
p)	IO'S Signature (Signed/Unsigned)	Unsigned
q)	Any Other Information	Sample collected by lab rep. Mr. Vipin on 02.09.2021, Sample from Village-Khanpur Kalan
r)	Test Request Submitted By	Jhajjar Power Limited-Jhajjar (Haryana)
s)	Manufactured By #	NA
t)	Supplied By #	NA

PART B : SUPPLIMENTARY INFORMATIONS


04-10-2021
Gaurav Khandelwal
[Authorized Signatory]


Saurabh Sharma
04-10-2021
Reviewer


04-10-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

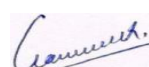
Document QF : 2501

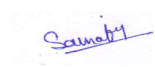
Page 2 of 5

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2109030056 Sample Reg. Date :03-09-2021 Report Date :04-10-2021 Report No. :ICE-2110040056 NABL ULR No. :TC592621000011222F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

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 (Hazen)	IS:3025(Part4):1983(RA:2017)amd. no1	5 Max.	15 Max.	4
b.	Taste	IS:3025(Part 8):1984(RA:2017)	Agreeable	-	Agreeable
c.	Odour	IS:3025(Part 5):1983(RA:2017)	Agreeable	-	Agreeable
d.	pH Value	IS:3025 (Part - 11):1983(RA:2017)	6.5-8.5	No relaxation	8.17
e.	Turbidity(NTU)	IS:3025(Part 10):1984(RA:2017)	1 Max.	5 Max.	<0.5
f.	Total Dissolved Solids,(mg/l)	IS:3025(Part 16):1984(RA:2006)	500 Max.	2000 Max.	401
2.	Parameters Concerning Undesirable Substances in excess amount				
a.	Aluminium as Al, (mg/l)	IS:3025(Part 55):RA2014	0.03 Max.	0.2 Max.	BLQ(LOQ:0.02)
b.	Ammonia (as total ammonia-N) (mg/l)	IS:3025(Part 34):1988(RA:2014)	0.5 Max.	No Relaxation	BLQ(LOQ:0.1)
c.	Anionic detergent(as MBAS),(mg/l)	IS:13428:2005(RA:2009)-Annex K	0.2 Max.	1.0 Max.	BLQ(LOQ:0.05)


 04-10-2021
 Gaurav Khandelwal
 [Authorized Signatory]


 Saurabh Sharma
 04-10-2021
 Reviewer


 04-10-2021
 Prem Kumar
 [Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

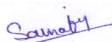
Page 3 of 5

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2109030056 Sample Reg. Date :03-09-2021 Report Date :04-10-2021 Report No. :ICE-2110040056 NABL ULR No. :TC592621000011222F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

d.	Barium (as Ba) (mg/l)	IS:13428:2005(RA:2014)Annex. F/IS:3025(P-65)	0.7 Max.	No relaxation	BLQ(LOQ:0.3)
e.	Boron (as B) (mg/l)	Apha 23rd Edn.2017-3120 B/IS:3025(Part 57):2004(RA:2017)	0.5 Max.	2.4 Max.	<0.5
f.	Calcium(as Ca), (mg/l)	IS:3025(Part 40):1991(RA:2014) amd no 1	75 Max.	200 Max.	68
g.	Chloramines (as Cl ₂), (mg/l)	IS:3025(Part 26):1986 amd no 1(RA 2014)	4.0 Max.	No relaxation	BLQ(LOQ:0.02)
h.	Chloride(as Cl) (mg/l)	IS:3025(Part 32):1988(RA:2014)	250 Max.	1000 Max.	81.3
i.	Copper (as Cu) (mg/l)	IS:3025(P-65)	0.05 Max.	1.5 Max.	BLQ(LOQ:0.002)
j.	Fluoride as F (mg/l)	IS:3025(Part 60):2008 amd. no 1(RA:2013)	1.0 Max.	1.5 Max.	0.2
k.	Phenolic compounds (as C ₆ H ₅ OH), (mg/l)	IS:3025(P-43)	0.001 Max.	0.002 Max.	BLQ(LOQ:0.001)
l.	Free Residual Chlorine, (mg/l)	IS:3025(P-26)	0.2 Min.	1.0 Max.	Not Applicable
m.	Iron (as Fe) (mg/l)	IS:3025(Part 53):2003(RA:2014)	1.0 Max.	No relaxation	BLQ(LOQ:0.01)
n.	Magnesium as Mg (mg/l)	IS:3025(Part 46):1994 amd. no. 2(RA:2014)	30 Max.	100 Max.	22.1
o.	Manganese as Mn, (mg/l)	Apha 23rd Edn.2017-3125 B/IS:3025(Part 59):2004(RA:2017)	0.1 Max.	0.3 Max.	BLQ(LOQ:0.1)
p.	Mineral Oil, (mg/l)	Clause 6 of IS:3025(Part39)	1.0 Max.	No Relaxation	BLQ(LOQ: 0.01)
q.	Nitrate as NO ₃ (mg/l)	IS:3025(Part 34):1988(RA:2014)	45 Max.	No Relaxation	BLQ(LOQ:1.0)
r.	Selenium (as Se) (mg/l)	IS:3025(P-65)	0.01 Max.	No Relaxation	BLQ(LOQ:0.002)
s.	Silver (as Ag) (mg/l)	IS:3025(P-65)	0.1 Max.	No Relaxation	BLQ(LOQ:0.002)
t.	Sulphate(as SO ₄) (mg/l)	IS:3025(Part 24):1986(RA:2014)	200 Max.	400 Max.	22



04-10-2021
Gaurav Khandelwal
[Authorized Signatory]



Saurabh Sharma
04-10-2021
Reviewer



04-10-2021
Prem Kumar
[Authorized Signatory]

Interstellar Testing Centre Pvt. Ltd.

(ISO 9001:2015 & 14001:2015 OHSAS 18001:2007 Certified Laboratory)

(A Government Approved Test House)

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

Phone : (O) 0172-2561543, 2565825

Visit us : www.itclabs.com Email : customersupport@itclabs.com

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501

Page 4 of 5

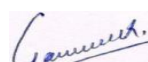
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2109030056 Sample Reg. Date :03-09-2021 Report Date :04-10-2021 Report No. :ICE-2110040056 NABL ULR No. :TC592621000011222F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

u.	Sulphide as H ₂ S, (mg/l)	IS:3025(Part 29)	0.05 Max.	No Relaxation	BLQ(LOQ:0.05)
v.	Total Alkalinity(as CaCO ₃)(mg/l)	IS:3025(Part 23)	200 Max.	600 Max.	57.4
w.	Total Hardness(as CaCO ₃), (mg/l)	IS 3025 (Part 21)	200 Max.	600 Max.	261
x.	Zinc(as Zn)(mg/l)	IS:3025(P-65)	5 Max.	15 Max.	0.294
3. Parameters Concerning Toxic Substances					
a.	Cadmium(as Cd)(mg/l)	IS:3025(P-65)	0.003 Max.	No Relaxation	BLQ(LOQ:0.002)
b.	Cyanide(asCN)(mg/l)	IS:3025(Part 27)	0.05 Max.	No Relaxation	BLQ(LOQ:0.01)
c.	Lead(as Pb)(mg/l)	IS:3025(P-65)	0.01 Max.	No Relaxation	BLQ(LOQ:0.002)
d.	Mercury(as Hg)(mg/l)	IS:3025(P-65)	0.001 Max.	No Relaxation	BLQ(LOQ:0.001)
e.	Molybdenum(as Mo)(mg/l)	IS:3025(P-65)	0.07 Max.	No Relaxation	BLQ(LOQ:0.002)
f.	Nickel(as Ni) (mg/l)	IS:3025(P-65)	0.02 Max.	No Relaxation	BLQ(LOQ:0.002)
g.	Total Arsenic(as As)(mg/l)	IS:3025(P-65)	0.01 Max.	No relaxation	BLQ(LOQ:0.002)
h.	Total Chromium(as Cr)(mg/l)	IS:3025(P-65)	0.05 Max.	No Relaxation	BLQ(LOQ:0.002)
Discipline : Biological					
Group : Water					
1. Microbiological Tests					
a.	E.Coli/100 ml	IS:15185(Membrane Filtration Method)	Shall not be detectable in any 100 ml sample	-	Absent
b.	Total Coliform Count/100 ml	IS:15185(Membrane Filtration Method)	Shall not be detectable in any 100 ml sample	-	Absent

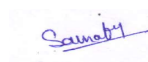
'#' represents Customer Defined Fields

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

REMARKS :The above referred sample of Ground Water conforms to BIS Specification IS:10500-2012 with upto date amdts with respect to the above tests.



04-10-2021
Gaurav Khandelwal
[Authorized Signatory]



Saurabh Sharma
04-10-2021
Reviewer



04-10-2021
Prem Kumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

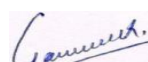
Test Report

Document QF : 2501

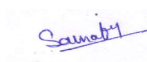
Page 5 of 5

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2109030056 Sample Reg. Date :03-09-2021 Report Date :04-10-2021 Report No. :ICE-2110040056 NABL ULR No. :TC592621000011222F Customer Ref. No.: Order No.5030010814 Letter Dated :29.10.2020

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



04-10-2021
Gaurav Khandelwal
[Authorized Signatory]



Saurabh Sharma
04-10-2021
Reviewer



04-10-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

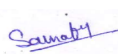
Test Report

Document QF : 2501
Page 1 of 2

Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2109130357 Sample Reg. Date :13-09-2021 Report Date :17-09-2021 Report No. :ICE-2109170358 NABL ULR No. :TC592621000010189F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

Test Report as per :	: EPA Act 1986/PCLS/2010
General Information : Name of Sample Date of Monitoring Time of Monitoring Nature of Industry Purpose of Monitoring	: Ambient Noise : 10-09-2021 : Day & night : Thermal Power Plant : 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 (Reaffirmed 2014)	Max. 75.0	59.8
b.	Near Gate No.1 (Night Time), Leq dB (A)	IS: 9989 (Reaffirmed 2014)	Max. 70.0	50.1
c.	Near Gate No.2 (Day Time), Leq dB (A)	IS: 9989 (Reaffirmed 2014)	Max. 75.0	54.1
d.	Near Gate No.2 (Night Time), Leq dB (A)	IS: 9989 (Reaffirmed 2014)	Max. 70.0	50.8
e.	Near Gate No.3 (Day Time), Leq dB (A)	IS: 9989 (Reaffirmed 2014)	Max. 75.0	53.5
f.	Near Gate No.3 (Night Time), Leq dB (A)	IS: 9989 (Reaffirmed 2014)	Max. 70.0	50.5
g.	Near Guest House (Day Time), Leq dB (A)	IS: 9989 (Reaffirmed 2014)	Max. 75.0	54.6
h.	Near Guest House (Night Time), Leq dB (A)	IS: 9989 (Reaffirmed 2014)	Max. 70.0	50.2


Saurabh Sharma
17-09-2021
Reviewer


17-09-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Test Report

Document QF : 2501
Page 2 of 2

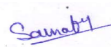
Issued To Jhajjar Power Limited Village: Khanpur, Tehsil: Matenhail, Distt. Jhajjar Jhajjar	Sample Reg. No. :E01-2109130357 Sample Reg. Date :13-09-2021 Report Date :17-09-2021 Report No. :ICE-2109170358 NABL ULR No. :TC592621000010189F Customer Ref. No. :Order No.5030010814 Letter Dated :29.10.2020

'#' 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
17-09-2021
Reviewer


17-09-2021
PremKumar
[Authorized Signatory]

Disclaimer :

- Sample (s) not drawn by us unless otherwise stated.
- Total Liability of this Laboratory is limited to the Invoiced amount.
- Test certificates in full or parts shall not be used for promotional or publicity purpose.
- If sample is not consumed during analysis, it will be stored as per required storage condition.
- The results relate to the item tested.

Annexure-IV

Quarterly Average Ash Content Report

Name of power plant	Capacity	Type of coal	Period	Average Ash Content (%)	Remarks
Mahatma Gandhi Thermal Power Plant, Jhajjar	1,320 MW (2x 660MW)	Linkage Domestic	July '21 to Sept'21	36.84%	Almost 100% of the generated ash has been utilized

Note: MGTPP's operates based on the domestic supplied under linkage provided by GOI/CIL subsidies. The entire coal burnt during the last quarter came through domestic coal supplied as per Fuel Supply Agreements (FSA) with 04 subsidiaries of Coal India Limited (CIL) viz. CCL, NCL, BCCL & ECL.






HARYANA STATE POLLUTION CONTROL BOARD

SCF No. 42 & 43, Shopping Centre, Sector-6, Huda,

Bahadurgarh Ph. 01276-243077 (O) Email:-

hspcbrobdh@gmail.com

E-mail: hspcb@hry.nic.in



No. HSPCB/Consent/ : 2816121JHACTO12685526

Dated:22/07/2021

To.

M/s :Jhajjar Power Limited

Village - Khanpur, Tehsil-Matenhail

Subject: Grant of consent to operate to M/s Jhajjar Power Limited.

Please refer to your application no. 12685526 received on dated 2021-06-15 in regional office Bahadurgarh. With reference to your above application for consent to operate, M/s Jhajjar Power Limited is hereby granted consent as per following specification/Terms and conditions.

Consent Under	BOTH
Period of consent	01/10/2021 - 30/09/2026
Industry Type	Thermal Power Plants
Category	RED
Investment(In Lakh)	531943.19
Total Land Area(Sq. meter)	4965493.0
Total Builtup Area(Sq. meter)	1905000.0
Quantity of effluent	
1. Trade	2400.0 KL/Day
2. Domestic	400.0 KL/Day
Number of outlets	3.0
Mode of discharge	
1. Domestic	STP
2. Trade	ETP
Domestic Effluent Parameters	
1. BOD	30 mg/l
2. COD	250 mg/l
3. TSS	100 mg/l
4. PH	5.5-9.0
5. OIL & GREASE	10 mg/l
Trade Effluent Parameters	
1. BOD	30 mg/l
2. COD	250 mg/l
3. TSS	100 mg/l
4. OIL & GREASE	10 mg/l

5. PH	5.5-9.0
Number of stacks	2
Height of stack	
1 . S T A C K A T T A C H E D T O S T E A M G E N E R A T O R N O . 1	275 METERS
2 . S T A C K A T T A C H E D T O S T E A M G E N E R A T O R N O . 2	275 METERS
Emission parameters	
1. SPM	50 mg/m3
2. NOX	mg/m3
3. SOX	mg/m3
Product Details	
1. Electricity Generation	1320 Megawatt
Capacity of boiler	
1. COAL FIRED STEAM GENERATOR NO.1	9000 Ton/hr
2. COAL FIRED STEAM GENERATOR NO.2	9000 Ton/hr
Type of Furnace	
1. NA	
Type of Fuel	
1. Diesel	8 KL/day
2. Coal	18000 Ton/day
Raw Material Details	
Hydrazine Hydrate	0.005 Metric Tonnes/Day
Coal	18000 Metric Tonnes/Day
HSD	8 Kilo Liters/Day
Lime stone	218 Metric Tonnes/Day
Sodium Hypochlorite	1.4 Metric Tonnes/Day
Poly Acrylic Amide (PAM)	0.001 Metric Tonnes/Day
Sodium Chloride	1.4 Metric Tonnes/Day
Sodium Hydroxide	0.9 Metric Tonnes/Day
Hydrochloric Acid	1 Metric Tonnes/Day
Poly Aluminium Chloride	1 Metric Tonnes/Day
V	0.007 Metric Tonnes/Day
RO Antiscalent	0.005 Metric Tonnes/Day
Liquor Ammonia	0.1 Metric Tonnes/Day
Sulphuric Acid	3 Metric Tonnes/Day
Hydrogen	39.2 Kilo Liters/Day

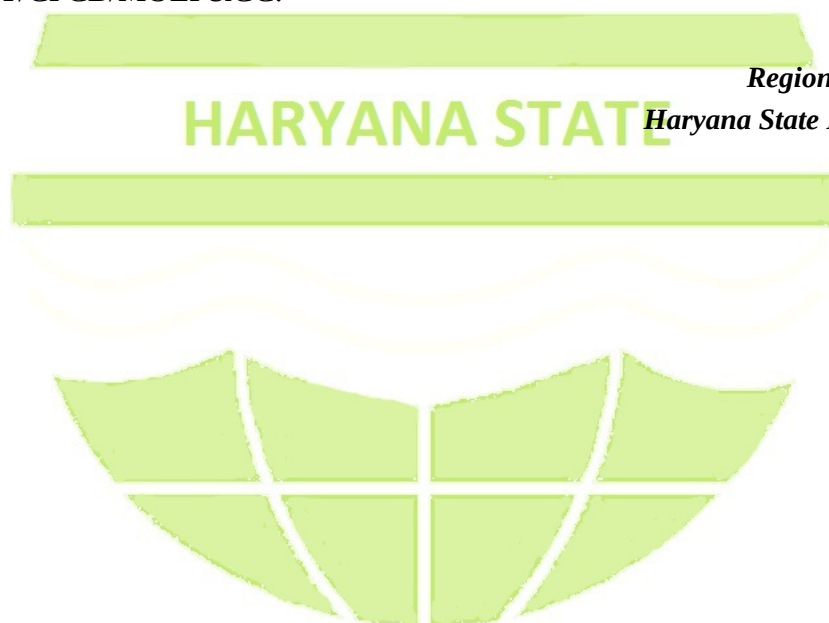
Terms and conditions

1. The applicants shall maintain good house keeping both within factory and in the premises. All hose pipelines valves, storage tanks etc. shall be leak proof. In plant allowable pollutants levels, if specified by State Board should be met strictly.
2. The applicant/company shall comply with and carry out directive/orders issued by the Board in this consent order at all subsequent times without negligence of his /its part. The applicant/company shall be liable for such legal action against him as per provision of the law/act in case of violation of any order/directives. Issued at any time and or non compliance of the terms and conditions of his consent order.
3. The applicant shall make an application for grant of consent at least 90 days before the date of expiry of this consent.
4. Necessary fee as prescribed for obtaining renewal consent shall be paid by the applicant alongwith the consent application.
5. If due to any technological improvement or otherwise this Board is of opinion that all or any of the conditions referred to above required variation (including the change of any control equipment either in whole or in part) this Board shall after giving the applicant an opportunity of being heard vary all or such condition and there upon the applicant shall be bound to comply with the conditions so varied.
6. The industry shall provide adequate arrangement for fighting the accidental leakages, discharge of any pollutants gas/liquids from the vessels, mechanical equipment etc. which are likely to cause environment pollution.
7. The industry shall comply noise pollution (Regulation and control) Rules, 2000.
8. The industry shall comply all the direction/Rules/Instructions as may be issued by the MOEF/CPCB/HSPCB from time to time.
9. The industry shall ensure that various characteristics of the effluents remain within the tolerance limits as specified in EPA Standard and as amended from time to time and at no time the concentration of any characteristics should exceed these limits for discharge.
10. The industry would immediately submit the revised application to the Board in the event of any change in the raw material in process, mode of treatment/discharge of effluent. In case of change of process at any stage during the consent period, the industry shall submit fresh consent application alongwith the consent to operate fee, if found due, which may be on any account and that shall be paid by the industry and the industry would immediately submit the consent application to the Board in the event of any change during the year in the raw material, quantity, quality of the effluent, mode of discharge, treatment facilities etc.
11. The officer/official of the Board shall reserve the right to access for the inspection of the industry in connection with the various process and the treatment facilities. The consent to operate is subject to review by the Board at any time.
12. Permissible limits for any pollutants mentioned in the consent to operate order should not exceed the concentration permitted in the effluent by the Board.
13. The industry shall pay the balance fee, in case it is found due from the industry at any time later on.

14. If the industry fails to adhere to any of the conditions of this consent to operate order, the consent to operate so granted shall automatically lapse.
15. If the industry is closed temporarily at its own, they shall inform the Board and obtain permission before restart of the unit.
16. The industry shall comply all the Directions/ Rules/Instructions issued from time to time by the Board.

Specific Conditions :

1. That the unit shall apply for renewal of consent to operate 90 days earlier, before the expiry of previous consent to operate obtained from the Board. 2. That unit will operate its pollution control devices properly and effectively to keep the parameters within limit. 3. That the unit will not expand its production activity from the existing and will not increase any pollution load under Water Act, 1974, Air Act, 1981 without prior approval of the Board. 4. That if the sampling report under Water Act, 1974 and Air Act, 1981 will be found exceeding in parameters at any stage and found increase in pollution load at any stage consent to operate granted will be revoked. 5. That unit will submit the sampling report under Water and Air Act, as applicable within 90 days. 6. Unit will comply the conditions/directions of SC/NGT/CPCB/MOEF&CC.



Regional Officer, Bahadurgarh

Haryana State Pollution Control Board.



Haryana State Pollution Control Board

SCF No. 42 & 43, Shopping Centre, Sector-6, Huda, Bahadurgarh Ph. 01276-243077 (O) Email:- hspcbrobdh@gmail.com



No. :HWM/JHA/2021/12660122

DT: 27/07/2021

To

M/s Jhajjar Power Limited
Village - Khanpur, Tehsil-Matenhail
Jhajjar

Sub: Grant of Authorization under Hazardous and Other Wastes(Management & Transboundary Movement) Rules, 2016

1. Reference of application:12660122 dated: 27/07/2021
2. Naveen Munjal of Jhajjar Power Limited is hereby granted an authorization for generation, collection, storage, transportation, disposal on the premises situated at Village - Khanpur, Tehsil-Matenhail

HARYANA STATE

Details of Authorization

S.No.	Name of process and Category of Hazardous Waste as per the Schedules I, II and III of these rules	Authorised mode of disposal or recycling or utilisation or co-processing, etc.	Quantity
1	Industrial operations using mineral/synthetic oil as lubricant in hydraulic systems or other applications, Used/spent oil	AGREEMENT WITH RECYCLER	100.0 KL/Annum
2	Purification and treatment of exhaust air, water and waste water from the treatment plants (CETP's), Spent ion exchange resin containing toxic metal	Agreement with GEPIL	100.0 T/Annum
3	Industrial operations using mineral/synthetic oil as lubricant in hydraulic systems or other applications, Wastes/residues containing oil	Agreement with GEPIL	100.0 T/Annum
4	Production and/or industrial use of paints, pigments, lacquers, varnishes and inks , Process wastes, residues & sludges	Agreement with GEPIL	100.0 T/Annum
5	Production and/or industrial use of glues, cements, adhesive and resins, Wastes/residues (not made with vegetable or animal materials)	Agreement with GEPIL	50.0 T/Annum

6	Production of asbestos or asbestos-containing materials, Asbestos-containing residues	Agreement with GEPIL	50.0 T/Annum
7	Production of asbestos or asbestos-containing materials, Discarded asbestos	Agreement with GEPIL	100.0 T/Annum
8	Handling of Hazardous chemicals and wastes, Empty barrels/containers/liners contaminated with hazardous chemicals/wastes	Agreement with GEPIL	200.0 T/Annum
9	Handling of Hazardous chemicals and wastes, Empty barrels/containers/liners contaminated with hazardous chemicals/wastes	Agreement with GEPIL	50.0 T/Annum
10	Purification and treatment of exhaust air, water and waste water from the treatment plants (CETP's), Chemical sludge from waste water treatment	Agreement with GEPIL	120.0 T/Annum
11	cleaning, emptying and maintenance of petroleum oil storage tanks including, Oil-containing cargo residue, washing water and sludge	Agreement with GEPIL	10.0 T/Annum
12	Petroleum refining/re-processing of used oil/recycling of waste oil, Oily sludge/emulsion	Agreement with GEPIL	10.0 T/Annum
13	Handling of Hazardous chemicals and wastes, Contaminated cotton rags or other cleaning materials	Agreement with GEPIL	10.0 T/Annum

1. The authorization shall be valid for a period of 01/10/2021 to 30/09/2026
2. The authorization is subject to the following general and specific conditions :-

(i) **That unit will submit annual reports under HOWM Rules annually.**

**Regional Officer Bahadurgarh
For Haryana State Pollution Control Board**

Conditions of Authorization:

1. The authorised person shall comply with the provisions of the Environment (Protection) Act, 1986, and the rules made there under.
2. The authorization or its renewal shall be produced for inspection at the request of an officer authorised by the State Pollution Control Board.
3. The person authorised shall not rent, lend, sell, transfer or otherwise transport the hazardous and other wastes except what is permitted through this authorization.

4. Any unauthorised change in personnel equipment or working conditions as mentioned in the application by the person authorised shall constitute a breach of this authorization.
5. The person authorised shall implement Emergency Response Procedure (ERP) for which this authorization is being granted considering all site specific possible scenarios such as spillages, leakages, fire etc. and their possible impacts and also carry out mock drill in this regard at regular interval of time.
6. The person authorised shall comply with the provisions outlined in the Central Pollution Control Board guidelines on "Implementing Liabilities for Environmental Damages due to Handling and Disposal of Hazardous Waste and Penalty".
7. An application for the renewal of an authorization shall be made as laid down under these Rules.
8. Any other conditions for compliance as per the guidelines issued by the Ministry of Environment, Forest and Climate Changes or Central Pollution Control Board from time to time.
9. Annual return shall be filed by June 30th for the period ensuring 31st March of the year.

**Regional Officer Bahadurgarh
For Haryana State Pollution Control Board**

