PPGCL
PRAYAGRAJ POWER GENERATION COMPANY LTD.

O/C

Ref: PPGCL/ENV/FY25/316 **Date: 17.04.2024**

To,

Deputy Director General of Forests (C),

Ministry of Environment, Forest and Climate Change

Regional Office (CZ),

Kendriya Bhawan, 5th Floor Sector "H", Aliganj

Lucknow – 226020

Subject: Half yearly report for the period October'23 to March'24 on compliance of the stipulated condition of Environment Clearance awarded by MoEF for 3 x 660 MW to M/s Prayagraj Power Generation Company Limited at Bara, Prayagraj.

Dear Sir,

We are enclosing here with the half yearly report for the period October'23 to March'24 on compliance of the stipulated condition of Environment Clearance granted by MoEF for 3 x 660 MW to M/s Prayagraj Power Generation Company Limited at Bara, Prayagraj.

This is for your kind information and record please.

Sincerely

For Prayagraj Power Generation Company Limited

S H Pandey
Chief - O&M Services

Enclosure: Environment Clearance compliance with Annexure 1 to 12.

Cc: i) Incharge,
CPCB, Zonal Office (North), Lucknow
ii) Member Secretary
UPPCB, Lucknow
iii) Regional Officer
UPPCB, Prayagraj

12/04/24

Prayagraj Power Generation Company Limited
Registered Office : Shatabdi Bhawan, B 12 & 13, Sector 4, Gautam Budh Nagar, Noida, Uttar Pradesh - 201301
Phone: + 91-120-6102000/6102208 CIN: U40101UP2007PLC032835
Plant Address : P.O. - Lohgara, Tehsil - Bara, Prayagraj (Allahabad), Uttar Pradesh - 212107
Phone: + 91-7525006400/ 8528846666, Web:-ppgcl.co.in, Email:-ppgcl@ppgcl.co.in

SIX MONTHLY COMPLIANCE STATUS

OF

CONDITIONS STIPULATED IN

ENVIRONMENTAL CLEARANCE (EC)

OF

M/s PRAYAGRAJ POWER GENERATION COMPANY LIMITED (3X660 MW)

FOR THE PERIOD OCTOBER - 2023 TO MARCH - 2024

Name of Project : 3x660MW THERMAL POWER PROJECT at BARA, Allahabad, (UP) of M/s Prayagraj Power Generation Co. Ltd (PPGCL)

Clearance letter No: J-13011/60/2008-1A.II (T) 08.09.2009 & Extension of validity letter No J-13011/60/2008 – IA.II (T) dated 23.03.2015 and subsequent Amendment dated 08.02.2024.

S.No	Stipulated Conditions	Compliance Status
(i)	No additional land in excess of 1468 acres ha shall be acquired for any activity/facility of this project.	Noted.
(ii)	A certificate from the Tehsildar for the land use of the project area with respect to single crop/double crop shall be furnished within 15 days from the date of the issue of this letter.	Complied. Required certificate for land use, issued by Tehsildar was submitted vide letter No. PPGCL/109 dated 22.8.2009.
(iii)	Sulphur and ash contents in the coal to be used in the project shall not exceed 0.5% and 34% respectively at any given time.	The average ash percentage in coal for the period Oct-23 to Mar-24 is 34.09% and Sulphur content is within 0.4%.
(iv)	Two stacks (one bi-flue and one single flue) of 275 m height each shall be provided with continuous online monitoring equipments for SOx and NOx particulate matter. Exit velocity of flue gases shall not be less than 22 m/sec. Mercury emissions from stack may also be monitored on periodic basis.	Stack of 275 m height is provided with online continuous monitoring equipment in all three units for SO_x, NO_x, and particulate matter. Average exit velocity of flue gas from Unit I, II and III stack for the period from Oct-23 to Mar-24 is 22.9 m/s, 23.0 m/s and 23.3 m/s respectively. Mercury monitoring is also being carried out through third party. Stack monitoring report is attached as **Annexure-1.**
(v)	High efficiency Electrostatic Precipitators (ESPs) shall be installed to ensure that particulate emission does not exceed 50 mg/Nm³.	Complied. High efficiency ESP has been installed and is in continuous operation. Stack monitoring report is attached as **Annexure-1.**
(vi)	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.	Complied. Dust extraction and dust suppression system has been installed. Fogging system has been installed in wagon tippler. Also, the roads have been made pucca. Photographs are attached as **Annexure-2**.
(vii)	Fly ash shall be collected in dry form and storage facility (silos) shall be provided. 100% fly ash utilization shall be ensured from 4th year onwards. Unutilized fly ash shall be disposed off in the ash pond in the form of slurry form. Mercury and other heavy metals (As, Hg, Cr, Pb, etc.) will be monitored in the bottom ash and also in the effluents emanating from the existing ash pond. No ash shall be disposed off in low lying area.	RCC Silo's have been constructed for storage of dry fly ash from ESP hoppers. Fly ash utilization being done through cement and brick manufacturers. Mercury and other heavy metals monitored in the bottom ash and from the effluents of existing ash pond by third party is attached as **Annexure – 3.** Fly ash utilization in low lying area is permitted vide MoEF&CC OM dated 28th August 2019.
(viii)	Ash pond shall be lined with HDPE lining. Adequate safety measures shall also be	Ash pond is lined with HDPE. Adequate safety measures have been adopted to protect the ash dyke from getting breached.

	implemented to protect the ash dyke from getting breached.	
(ix)	Closed cycle cooling system with natural draft cooling towers shall be provided. The effluents shall be treated as per the prescribed norms. COC of 5 shall be adopted.	Complied. Effluent is being treated and COC maintained.
(x)	No ground water shall be extracted for the project work at any stage.	Being Complied. Water is being taken from Yamuna River through pipeline.
(xi)	The treated effluents conforming to the prescribed standards only shall be re-circulated and reused within the plant. There shall be no discharge outside the plant boundary except during monsoon. Arrangements shall be made that effluents and storm water do not get mixed.	Being Complied, the treated effluent is re-used within the plant.
(xii)	A sewage treatment plant shall be provided and the treated sewage shall be used for raising green belt/plantation.	Complied. The treated sewage water is being used for raising green belt / plantation.
(xiii)	Rain water harvesting should be adopted. Central Ground Water 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.	Being complied. Central Ground Water Authority (CGWA), Allahabad Office has been consulted for appropriate rainwater harvesting system. The suggestion of Central Ground Water Authority (CGWA) regarding rainwater harvesting has already been submitted vide letter no PPGCL/BARA/MOEF/15/10/169 dated: 27.04.15 As advised by Central Ground Water Authority (CGWA), four nos. of Piezometers have been installed for ground water monitoring and water storage facilities have been created for rainwater storage.
(xiv)	Adequate safety measures shall be provided in the plant area to check/minimize spontaneous fires in coal yards, especially during summer season. Copy of these measures with full details along with location plant lay out shall be submitted to the Ministry as well as to the Regional Office of the Ministry at Lucknow.	Complied. Fire protection system for plant includes measure to check / minimize spontaneous fires in coal yard. We have already submitted the details of fire protection system to check / minimize spontaneous fires in coal yard with plant lay out vide our letter no PPGCL/BARA/ MOEF/ 14/05 Date 09.05.2014
(xv)	Storage facilities for auxiliary liquid fuel such as LDO and/HFO/LSHS shall be made in the plant area in consultation with Department of Explosives, Nagpur. Sulphur contents in the liquid fuel will not exceed 0.5%. Disaster Management Plan shall be prepared to meet any eventuality in case of an accident taking place due to storage of oil.	Complied.
(xvi)	Regular monitoring of ground water in and around ash pond area including heavy metals (Hg, Cr, As, Pb) shall be carried out, records maintained, and six monthly reports shall be furnished to the Regional Office of this Ministry. The data so obtained should be compared with the base line data so as to ensure that the	Being complied with. The ground water monitoring report is attached as **Annexure 4.** The parameters are within standards.

	ground water quality is not adversely affected due to project.	
(xvii)	A green belt of adequate width and density shall be developed around the plant periphery covering 1/3 of total area preferably with local species.	We have planted approx.3,48,348 nos. of sapling till March-2024. Saplings will be planted during coming monsoon. Suitable local native species of sapling have been planted such as Neem, Seesham, Karanj, Pipal, Bargad, Kadam, Alstonia, Gulmohar, Bamboo, Ashoka. Other species include Imli, Amla, Mango, Guava, Bougenvillia, Champa and Kanail. Photographs of green belt is attached as **Annexure – 5.**
(xviii)	First-Aid and sanitation arrangements shall be made for the drivers and other contract workers during construction phase.	Complied.
(xix)	Noise levels emanating from turbines shall be so controlled such that the noise in the work zone shall be limited of 75 dB (A). For people working in the high noise area, requisite personal protective equipments like ear-plugs/ear muffs etc. shall be provided. Workers engaged in noisy areas such as turbine areas, 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.	Being complied with. Personal protective equipment like earplugs/ ear muffs etc. have been provided. Noise monitoring report is attached as **Annexure- 6.**
(xx)	Regular monitoring of ground level concentration of SO2, NOx, RSPM and Hg 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. The data shall also be put on the web site of the company.	Complied. The locations of the monitoring stations have been approved by U. P. Pollution Control Board (UPPCB) vide our letter no PPGCL / BARA / MOEF / 14 / 05 Dated 09.05.2014. Ambient air quality monitoring report is attached as **Annexure- 7**.
(xxi)	A good action plan for R&R with package for the project affected persons be provided as per prevalent R&R policy within three months from the date of issue of this letter.	Complied.
(xxii)	An amount of Rs. 32 crores as capital and Rs. 6 crores/annum as recurring should be earmarked for activities to be taken up under CSR by the above proponent. Details of the activities to be undertaken in this regard should be submitted within one month from the date of issue of this letter.	During FY 23-24, an amount of Rs. 4.98 Crore has been incurred in different programs under thrust area – Education, Health & Sanitation, Entrepreneurship, Skill building & livelihood, Social and financial inclusion. The activities undertaken are Skill building training to 150 youths of surrounding community through NSDC, support to DAV Sardar Patel public School, health services at health center and developed SHGs in surrounding community.

<table>
<tr><td></td><td></td><td>We have received EC amendment on 8th Feb 2024 and is sought for CSR expenditure condition in line with section 135 of companies Act 2013 which states that company shall spend at least two percent of the average net profits of the company made during the three immediately preceding financial years. Details of CSR activities is attached as Annexure-8 along with Amendment EC.
<table>
<tr><th colspan="3">CSR Expenditure FY 23-24</th></tr>
<tr><th>Sr. No</th><th>Thrust Area/Programs</th><th>Amount (Rs Lakh)</th></tr>
<tr><td>1</td><td>Education</td><td rowspan="5">378.82</td></tr>
<tr><td>2</td><td>Health and Sanitation</td></tr>
<tr><td>3</td><td>Employability & Employment</td></tr>
<tr><td>4</td><td>Entrepreneurship</td></tr>
<tr><td>5</td><td>Social and Financial Inclusion</td></tr>
<tr><td>6</td><td>Multi Year Project through TPCDT</td><td>120.00</td></tr>
<tr><td></td><td>Total (Rs Lakh)</td><td>498.82</td></tr>
</table></td></tr>
<tr><td>(xxiii)</td><td>Provision shall be made for the housing of the construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health structures to be removed after the completion of the project.</td><td>Complied.</td></tr>
<tr><td>(xxiv)</td><td>The project proponent shall be advertised 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 the web site of the Ministry of Environment and Forests at http://envfor.nic.in</td><td>Complied.
Advertisement was published in the Hindustan Times, The Times of India (English) Daily and Dainik Jagran and Amar Ujala (Hindi Daily) on 7th Oct. 2009 immediately after receipt of EC.</td></tr>
<tr><td>(xxv)</td><td>A copy of the clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parishad, Municipal Corporation, Urban Local Body and the Local NGO is any, from whom suggestions/representations, if any received while processing the proposal. The clearance letter shall also be put on the website of the company by the proponent.</td><td>Complied
Copy of the clearance letter has already been sent to the concerned departments as prescribed.</td></tr>
<tr><td>(xxvi)</td><td>A separate environment management cell with qualified staff shall be set up for implementation of the stipulated environmental safeguards.</td><td>Complied.
Separate Environment department is functioning.</td></tr>
<tr><td>(xxvii)</td><td>The proponent shall upload the status of compliance of the stipulated EC conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional</td><td>Compliance of EC condition is being submitted on time. Last report was submitted on 30.11.2023.</td></tr>
</table>

	Office of MOEF, the respective Zonal Office of CPCB and the SPCB. The criteria pollutant levels namely SPM, RSPM SO2, NOx (ambient levels as well as stack emissions) shall be displayed at a convenient location near the main gate of the company in the public domain.	Data of stack and ambient air is displayed at main gate of the company. Please refer **Annexure – 9.**
(xxviii)	The project proponent shall also submit six monthly reports on the status of compliance of the stipulated EC conditions including results of monitored data (both in hard copies as well by e-mail) to the respective regional office of MOEF, the respective Zonal Office of CPCB and the SPCB.	Being complied. Last report was submitted on 30.11.2023.
(xxix)	The environment statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of EC conditions and shall also be sent to the respective Regional Offices of MOEF by e-mail.	Being complied. Environment statement for FY 2022-2023 was submitted on 21.07.2023. Please refer **Annexure – 10.**
(xxx)	Regional office of the Ministry of Forests located at Lucknow will monitor the implementation of the stipulated conditions. A complete set of documents including Environmental Impact Assessment Report and Environment Management Plan along with additional information submitted from time to time shall be forwarded to the Regional Office for their use during monitoring. Project Proponent will upload the compliance status in their website and update the same from time to time at least six monthly basis. Criteria pollutants levels (stack & ambient levels of NOx) will be displayed at the main gate of the power plant.	Complied. EIA/EMP report, DPR and other relevant documents have already been submitted to the Regional Office of MOEF at Lucknow. Data of stack and ambient air is displayed at the main gate of the plant.
(xxxi)	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.	Complied. Separate fund is available for environmental protection measures. Expenditure incurred for Environment protection measure during FY 23-24 is attached as **Annexure – 11.**
(xxxii)	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 dates of start of land development work and commissioning of plant.	Financial closure was obtained on 06.07.2010 and the construction activity for the project was started in Aug. 2010. All the three units are commissioned and in operation.
(xxxiii)	Full cooperation shall be extended to the Scientists/Officers from the Ministry/Regional Office of the Ministry at Bangalore/the CPCB/the	Agreed.

	SPCB who would be monitoring the compliance of environmental status.	

Status of Compliance conditions stipulated in extension of validity letter no J-13011 / 60 / 2008 - IA.II (T) dated 23.03.2015 is as under:

S.No.	Stipulated Conditions	Compliance Status
xxxiv	Harnessing solar power within the premises of the plant particularly at available rooftops shall be carried out and status of implementation including actual generation of solar power shall be submitted along with half –yearly monitoring report.	PPGCL has installed a total capacity of 265 kW roof top solar power at School & Hospital roof and roof top solar heater at guest houses. Solar based street and garden lights have also been installed in Plant Township.
xxxv	A long term study of radio activity and heavy metals contents on coal to be used for the power plant shall be carried through a reputed institute and results thereof analyzed every two years and reported along with monitoring reports. Thereafter mechanism for an in-built continuous monitoring for radio activity and heavy metals in coal and fly ash (including bottom ash) shall be put in place.	Radioactivity test report carried out by BRIT-BARC, Mumbai for Coal, Bottom Ash, and Fly Ash. Analysis report of heavy metals in Fly ash and Bottom ash is enclosed as **Annexure-12.**
xxxvi	Space for FGD shall be provided for future installation as may be required.	Space for FGD has already been provided for installation. **Current FGD Status(Upto March-24): -** Installation of FGD is under progress. Till date 61% work has been completed.
xxxvii	Fugitive emissions shall be controlled to prevent impact on agricultural or non-agricultural land in the vicinity, if any.	Complied. Dust extraction and dust suppression system has been installed to control fugitive emission.
xxxviii	Fly ash shall not be used for agricultural purpose. No mine void filling will be undertaken as an option for ash utilization without adequate lining of mine with suitable media so that no leachate shall take place at any point of time. In case, the option of mine void filling is to be adopted, prior detailed study of soil characteristics of the mine area shall be undertaken from a reputed institute and accordingly clay lining of adequate thickness shall be provided. This shall be carried out in close co-ordination with State Pollution Control Board who shall ensure that clay lining of appropriate thickness is provided.	MoEF&CC vide OM dated 28th August 2019 has permitted use of fly ash in abandoned mines / low lying areas / soil conditioner in agriculture.
xxxix	No water bodies including natural drainage system in the area shall be disturbed due to activities associated with setting up / operation of the power plant.	Noted.
xxxx	Green belt shall also be developed around the Ash Pond over and above the Green Belt around the plant boundary.	We have planted 14,288 saplings in the Financial Year 2023-24.

		Suitable local native species of sapling have been planted such as Neem, Seesham, Karanj, Pipal, Bargad, Kadam, Alstonia, Gulmohar, Bamboo, Ashoka. Other species include Imli, Amla, Mango, Guava, Bougenvillia, Champa and Kanail. Photographs of green belt is attached as **Annexure – 5.**
xxxxi	For proper and periodic monitoring of CSR activities, a CSR Committee or a Social Audit Committee or a credible external agency shall be appointed. CSR activities shall also be evaluated by an independent external agency. This evaluation shall be both concurrent and final.	PPGCL has a CSR committee.
xxxxii	An Environmental Cell comprising of at least one expert in environmental science / engineering, ecology, occupational health and social science, shall be established preferably at the project site itself and shall be headed by an officer of appropriate level and qualification. It shall be ensured that the Head of the cell shall directly report to the Head of the Plant who would be accountable for implementation of environmental regulations and social impact improvement / mitigations.	Environment cell has been established with qualified manpower.
xxxxiii	The Project proponent shall formulate a well laid corporate Environment Policy and identify and designate responsible officers at all levels of its hierarchy for ensuring adherence to the policy and compliance with the conditions stipulated in this clearance letter and other applicable environmental laws and regulations.	PPGCL has a well laid Environment Policy.

Status of Compliance Additional conditions stipulated vide letter no IV /ENV/P/THE/-39 / 311 / 2009 / 1173 dtd 16.11.2011 is as under:

S.No	**Stipulated Conditions**	**Compliance Status**
(i)	Continuous monitoring of stack and ambient air to be carried out.	Continuous monitoring of ambient and stack is being carried out.
(ii)	Display of monitoring data in public domain (main gate).	Data of stack and ambient air is being displayed at main gate.
(iii)	To put up monitoring data and six monthly monitoring report on their website	Monitoring data and six-monthly monitoring report is periodically uploaded on the Company website.

Annexure – 1

Mitra S. K. Private Limited

Above Punjab National Bank
Maihar Road, NH-7, Kuthla,
Katni – 483501 (M.P.)
CIN: U51909WB1956PTC023037
T : 07622 – 240651, 240919
E : prpattanaik@mitrask.co.in
sknigam@mitrask.co.in

TEST REPORT

Name & Address of the Customer :
Prayagraj Power Generation Company Ltd.
Vill.: Khan Semra,
Tehsil : Bara,
Uttar Pradesh.

Report No. : MSKPL/ED/2024-25/CHB22P
Date : 01.04.2024
Sample No. : MSKNB/ED/2023-24/03/4A2F41
Sample Description : Stack Monitoring
Date of Receipt of Sample: 19/03/2024
Job No. : EDN/ATM/KAT-2023/PFTH1Q
Sample Mark : Thimble No.- 1597 / Unit – I

Ref. No. & Date : 9200000102, Dt -24/05/2021.

ANALYSIS RESULT

A.	**General Information About Stack :**		
1.	Stack connected to	:	Unit - I
2.	Emission due to	:	Burning of Coal
3.	Material of construction of Stack	:	M.S
4.	Shape of Stack	:	Circular
5.	Whether stack is provided with permanent platform	:	Yes
6.	Boiler Capacity	:	660 MW
7.	Load	:	574.7 (M.W)
B.	**Physical Characteristics of Stack :**		
1.	Height of the stack from ground level	:	275 M
2.	Diameter of the stack at sampling point	:	7.40 M
3.	Height of the sampling point from GL	:	80 M
4.	Area of Stack	:	43.03 m^2
C.	**Analysis / Characteristics of Stack :**		
1.	Fuel used : Coal	2.	Fuel consumption : 321.3 Tons/Hr.

D. Results of Sampling & Analysis of Gaseous Emission :

SL. No.	PARAMETER	VALUE	UOM	METHOD OF TEST REFERENCE
1.	Barometric pressure	742	mm of Hg	IS : 11255 (Part 3)
2.	Carbon Dioxide	10.2	% v/v	IS 13270
3.	Carbon Monoxide	BDL(DL:0.2)	% v/v	IS 13270
4.	Flow Rate of the Flue Gas	2679283	Nm3/hr	IS : 11255 (Part 3)
5.	Mercury as Hg (Gaseous)	BDL(DL:0.003)	mg/Nm3	USEPA 29-25/06/
6.	Moisture content	2.5	%	IS : 11255 (Part 3)
7.	Oxides of Nitrogen as NO2	326.6	mg/Nm3	IS 11255 (Part 7)
8.	Oxygen	6.8	% v/v	IS 13270
9.	Particulate Matters	18.6	mg/Nm3	IS : 11255 (Part I)
10.	Sulphur Dioxide as SO2	537.2	mg/Nm3	IS 11255 (Part 2)
11.	Temperature	124	Deg C	IS : 11255 (Part 3)
12.	Velocity	22.85	m/s	IS : 11255 (Part 3)

For Mitra S. K. Private Limited

Prepared By

Authorised Signatory

Mitra S. K. Private Limited

Above Punjab National Bank
Maihar Road, NH-7, Kuthla,
Katni – 483501 (M.P.)
CIN: U51909WB1956PTC023037
T : 07622 – 240651, 240919
E : prattanaik@mitrask.co.in
sknigam@mitrask.co.in

TEST REPORT

Name & Address of the Customer :
Prayagraj Power Generation Company Ltd.
Vill.: Khan Semra,
Tehsil : Bara,
Uttar Pradesh.

Report No. : MSKPL/ED/2024-25/74U22H
Date : 01.04.2024
Sample No. : MSKNB/ED/2023-24/03/FR2F3T
Sample Description : Stack Monitoring
Date of Receipt of Sample: 19/03/2024
Job No. : EDN/ATM/KAT-2023/PFTH1Q
Sample Mark : Thimble No.- 2328 / Unit – II

Ref. No. & Date : 9200000102, Dt -24/05/2021.

ANALYSIS RESULT

A.	**General Information About Stack :**		
1.	Stack connected to	:	Unit - II
2.	Emission due to	:	Burning of Coal
3.	Material of construction of Stack	:	M.S
4.	Shape of Stack	:	Circular
5.	Whether stack is provided with permanent platform	:	Yes
6.	Boiler Capacity	:	660 MW
7.	Load	:	575 (M.W)
B.	**Physical Characteristics of Stack :**		
1.	Height of the stack from ground level	:	275 M
2.	Diameter of the stack at sampling point	:	7.40 M
3.	Height of the sampling point from GL	:	80 M
4.	Area of Stack	:	43.03 m^2
C.	**Analysis / Characteristics of Stack :**		
1.	Fuel used : Coal	2.	Fuel consumption : 328 Tons/Hr.

D. Results of Sampling & Analysis of Gaseous Emission :

SL No.	PARAMETER	VALUE	UOM	METHOD OF TEST REFERENCE
1.	Barometric pressure	742	mm of Hg	IS : 11255 (Part 3)
2.	Carbon Dioxide	10.2	% v/v	IS 13270
3.	Carbon Monoxide	BDL(DL:0.2)	% v/v	IS 13270
4.	Flow Rate of the Flue Gas	2552434	Nm3/hr	IS : 11255 (Part 3)
5.	Mercury as Hg (Gaseous)	BDL(DL:0.003)	mg/Nm3	USEPA 29-25/06/
6.	Moisture content	2.2	%	IS : 11255 (Part 3)
7.	Oxides of Nitrogen as NO2	345.2	mg/Nm3	IS 11255 (Part 7)
8.	Oxygen	12.8	% v/v	IS 13270
9.	Particulate Matters	34.2	mg/Nm3	IS : 11255 (Part I)
10.	Sulphur Dioxide as SO2	557.3	mg/Nm3	IS 11255 (Part 2)
11.	Temperature	125	Deg C	IS : 11255 (Part 3)
12.	Velocity	23.43	m/s	IS : 11255 (Part 3)

For Mitra S. K. Private Limited

Prepared By

Authorised Signatory

Mitra S. K. Private Limited

Above Punjab National Bank
Maihar Road, NH-7, Kuthla,
Katni – 483501 (M.P.)
CIN: U51909WB1956PTC023037
T : 07622 – 240651, 240919
E : prpattanaik@mitrask.co.in
sknigam@mitrask.co.in

TEST REPORT

Name & Address of the Customer :
Prayagraj Power Generation Company Ltd.
Vill.: Khan Semra,
Tehsil : Bara,
Uttar Pradesh.

Report No. : MSKPL/ED/2024-25/6DZ22X
Date : 01.04.2024
Sample No. : MSKNB/ED/2023-24/03/TJ2F51
Sample Description : Stack Monitoring
Date of Receipt of Sample: 19/03/2024
Job No. : EDN/ATM/KAT-2023/PFTH1Q
Sample Mark : Thimble No.- 196 / Unit - III

Ref. No. & Date : 9200000102, Dt -24/05/2021.

ANALYSIS RESULT

A.	**General Information About Stack :**		
1.	Stack connected to	:	Unit - III
2.	Emission due to	:	Burning of Coal
3.	Material of construction of Stack	:	M.S
4.	Shape of Stack	:	Circular
5.	Whether stack is provided with permanent platform	:	Yes
6.	Boiler Capacity	:	660 MW
7.	Load	:	447 (M.W)
B.	**Physical Characteristics of Stack :**		
1.	Height of the stack from ground level	:	275 M
2.	Diameter of the stack at sampling point	:	7.40 M
3.	Height of the sampling point from GL	:	80 M
4.	Area of Stack	:	43.03 m^2
C.	**Analysis / Characteristics of Stack :**		
1.	Fuel used : Coal	2.	Fuel consumption : 258 Tons/Hr.

D. Results of Sampling & Analysis of Gaseous Emission :

SL. No.	PARAMETER	VALUE	UOM	METHOD OF TEST REFERENCE
1.	Barometric pressure	742	mm of Hg	IS : 11255 (Part 3)
2.	Carbon Dioxide	12.4	% v/v	IS 13270
3.	Carbon Monoxide	BDL(DL:0.2)	% v/v	IS 13270
4.	Flow Rate of the Flue Gas	2378620	Nm3/hr	IS : 11255 (Part 3)
5.	Mercury as Hg (Gaseous)	BDL(DL:0.003)	mg/Nm3	USEPA 29-25/06/
6.	Moisture content	2.84	%	IS : 11255 (Part 3)
7.	Oxides of Nitrogen as NO2	298.5	mg/Nm3	IS 11255 (Part 7)
8.	Oxygen	10.2	% v/v	IS 13270
9.	Particulate Matters	33.8	mg/Nm3	IS : 11255 (Part I)
10.	Sulphur Dioxide as SO2	497.6	mg/Nm3	IS 11255 (Part 2)
11.	Temperature	125	Deg C	IS : 11255 (Part 3)
12.	Velocity	22.86	m/s	IS : 11255 (Part 3)

For Mitra S. K. Private Limited

Prepared By

Authorised Signatory

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MSK TESTING & INSPECTION

TEST REPORT

Name & Address of the Customer :
Prayagraj Power Generation Company Ltd.
Vill.: Khan Semra,
Tehsil : Bara,
Uttar Pradesh.

Report No. : MSKPL/ED/2023-24/P1415N
Date : 09.03.2024
Sample No. : MSKNB/ED/2023-24/02/7B4CC7
Sample Description : Stack Monitoring
Date of Receipt of Sample: 29/02/2024
Job No. : EDN/ATM/KAT-2023/XWJC16
Sample Mark : Thimble No.- C3226 / Unit – II

Ref. No. & Date : 9200000102, Dt -24/05/2021.

ANALYSIS RESULT

A.	**General Information About Stack :**		
1.	Stack connected to	:	Unit - II
2.	Emission due to	:	Burning of Coal
3.	Material of construction of Stack	:	M.S
4.	Shape of Stack	:	Circular
5.	Whether stack is provided with permanent platform	:	Yes
6.	Boiler Capacity	:	660 MW
7.	Load	:	579.6 (M.W)
B.	**Physical Characteristics of Stack :**		
1.	Height of the stack from ground level	:	275 M
2.	Diameter of the stack at sampling point	:	7.40 M
3.	Height of the sampling point from GL	:	80 M
4.	Area of Stack	:	43.03 m^2
C.	**Analysis / Characteristics of Stack :**		
1.	Fuel used : Coal	2.	Fuel consumption : 371 Tons/Hr.

D. Results of Sampling & Analysis of Gaseous Emission :

SL. No.	PARAMETER	VALUE	UOM	METHOD OF TEST REFERENCE
1.	Barometric pressure	742	mm of Hg	IS : 11255 (Part 3)
2.	Carbon Dioxide	8.2	% v/v	IS 13270
3.	Carbon Monoxide	BDL(DL:0.2)	% v/v	IS 13270
4.	Flow Rate of the Flue Gas	2762685	Nm3/hr	IS : 11255 (Part 3)
5.	Mercury as Hg (Gaseous)	BDL(DL:0.003)	mg/Nm3	USEPA 29-25/06/
6.	Moisture content	2.7	%	IS : 11255 (Part 3)
7.	Oxides of Nitrogen as NO2	332.4	mg/Nm3	IS 11255 (Part 7)
8.	Oxygen	10.4	% v/v	IS 13270
9.	Particulate Matters	36.2	mg/Nm3	IS : 11255 (Part I)
10.	Sulphur Dioxide as SO2	481.2	mg/Nm3	IS 11255 (Part 2)
11.	Temperature	112	Deg C	IS : 11255 (Part 3)
12.	Velocity	23.28	m/s	IS : 11255 (Part 3)

For Mitra S. K. Private Limited

Prepared By

Authorised Signatory

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TEST REPORT

Name & Address of the Customer :
Prayagraj Power Generation Company Ltd.
Vill.: Khan Semra,
Tehsil : Bara,
Uttar Pradesh.

Report No. : MSKPL/ED/2023-24/C1415A
Date : 09.03.2024
Sample No. : MSKNB/ED/2023-24/02/TE4CDV
Sample Description : Stack Monitoring
Date of Receipt of Sample: 29/02/2024
Job No. : EDN/ATM/KAT-2023/XWJC16
Sample Mark : Thimble No.- C3228 / Unit – III

Ref. No. & Date : 9200000102, Dt -24/05/2021.

ANALYSIS RESULT

A.	**General Information About Stack :**		
1.	Stack connected to	:	Unit - III
2.	Emission due to	:	Burning of Coal
3.	Material of construction of Stack	:	M.S
4.	Shape of Stack	:	Circular
5.	Whether stack is provided with permanent platform	:	Yes
6.	Boiler Capacity	:	660 MW
7.	Load	:	437 (M.W)
B.	**Physical Characteristics of Stack :**		
1.	Height of the stack from ground level	:	275 M
2.	Diameter of the stack at sampling point	:	7.40 M
3.	Height of the sampling point from GL	:	80 M
4.	Area of Stack	:	43.03 m^2
C.	**Analysis / Characteristics of Stack :**		
1.	Fuel used : Coal	2.	Fuel consumption : 251.5 Tons/Hr.

D. Results of Sampling & Analysis of Gaseous Emission :

SL. No.	PARAMETER	VALUE	UOM	METHOD OF TEST REFERENCE
1.	Barometric pressure	742	mm of Hg	IS : 11255 (Part 3)
2.	Carbon Dioxide	6.6	% v/v	IS 13270
3.	Carbon Monoxide	BDL(DL:0.2)	% v/v	IS 13270
4.	Flow Rate of the Flue Gas	2626854	Nm3/hr	IS : 11255 (Part 3)
5.	Mercury as Hg (Gaseous)	BDL(DL:0.003)	mg/Nm3	USEPA 29-25/06/
6.	Moisture content	3.8	%	IS : 11255 (Part 3)
7.	Oxides of Nitrogen as NO2	298.5	mg/Nm3	IS 11255 (Part 7)
8.	Oxygen	12.8	% v/v	IS 13270
9.	Particulate Matters	34.2	mg/Nm3	IS : 11255 (Part I)
10.	Sulphur Dioxide as SO2	401.8	mg/Nm3	IS 11255 (Part 2)
11.	Temperature	113	Deg C	IS : 11255 (Part 3)
12.	Velocity	23.212	m/s	IS : 11255 (Part 3)

For Mitra S. K. Private Limited

Prepared By

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MSK TESTING • INSPECTION

TEST REPORT

Name & Address of the Customer :
Prayagraj Power Generation Company Ltd.
Vill.: Khan Semra,
Tehsil : Bara,
Uttar Pradesh.

Report No. : MSKPL/ED/2023-24/D1103E
Date : 24.01.2024
Sample No. : MSKNB/ED/2023-24/01/BU2041
Sample Description : Stack Monitoring
Date of Receipt of Sample: 16/01/2024
Job No. : EDN/ATM/KAT-2023/T74117
Sample Mark : Thimble No.- 2055 / Unit – I

Ref. No. & Date : 9200000102, Dt -24/05/2021.

ANALYSIS RESULT

A.	**General Information About Stack :**		
1.	Stack connected to	:	Unit - I
2.	Emission due to	:	Burning of Coal
3.	Material of construction of Stack	:	M.S
4.	Shape of Stack	:	Circular
5.	Whether stack is provided with permanent platform	:	Yes
6.	Boiler Capacity	:	660 MW
7.	Load	:	612.8 (M.W)
B.	**Physical Characteristics of Stack :**		
1.	Height of the stack from ground level	:	275 M
2.	Diameter of the stack at sampling point	:	7.40 M
3.	Height of the sampling point from GL	:	80 M
4.	Area of Stack	:	43.03 m^2
C.	**Analysis / Characteristics of Stack :**		
1.	Fuel used : Coal	2.	Fuel consumption : 367.6 Tons/Hr.

D. Results of Sampling & Analysis of Gaseous Emission :

SL. No.	PARAMETER	VALUE	UOM	METHOD OF TEST REFERENCE
1.	Barometric pressure	742	mm of Hg	IS : 11255 (Part 3)
2.	Carbon Dioxide	8.6	% v/v	IS 13270
3.	Carbon Monoxide	BDL(DL:0.2)	% v/v	IS 13270
4.	Flow Rate of the Flue Gas	2626887	Nm3/hr	IS : 11255 (Part 3)
5.	Mercury as Hg (Gaseous)	BDL(DL:0.003)	mg/Nm3	USEPA 29-25/06/
6.	Moisture content	2.2	%	IS : 11255 (Part 3)
7.	Oxides of Nitrogen as NO2	389.7	mg/Nm3	IS 11255 (Part 7)
8.	Oxygen	6.4	% v/v	IS 13270
9.	Particulate Matters	22.8	mg/Nm3	IS : 11255 (Part I)
10.	Sulphur Dioxide as SO2	536.1	mg/Nm3	IS 11255 (Part 2)
11.	Temperature	115	Deg C	IS : 11255 (Part 3)
12.	Velocity	22.53	m/s	IS : 11255 (Part 3)

For Mitra S. K. Private Limited

Prepared By

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MSK TESTING • INSPECTION

TEST REPORT

Name & Address of the Customer :
Prayagraj Power Generation Company Ltd.
Vill.: Khan Semra,
Tehsil : Bara,
Uttar Pradesh.

Report No. : MSKPL/ED/2023-24/R1103Z
Date : 24.01.2024
Sample No. : MSKNB/ED/2023-24/01/C22061
Sample Description : Stack Monitoring
Date of Receipt of Sample: 16/01/2024
Job No. : EDN/ATM/KAT-2023/T74117
Sample Mark : Thimble No.- 2052 / Unit – II

Ref. No. & Date : 9200000102, Dt -24/05/2021.

ANALYSIS RESULT

A.	**General Information About Stack :**		
1.	Stack connected to	:	Unit - II
2.	Emission due to	:	Burning of Coal
3.	Material of construction of Stack	:	M.S
4.	Shape of Stack	:	Circular
5.	Whether stack is provided with permanent platform	:	Yes
6.	Boiler Capacity	:	660 MW
7.	Load	:	558 (M.W)
B.	**Physical Characteristics of Stack :**		
1.	Height of the stack from ground level	:	275 M
2.	Diameter of the stack at sampling point	:	7.40 M
3.	Height of the sampling point from GL	:	80 M
4.	Area of Stack	:	43.03 m^2
C.	**Analysis / Characteristics of Stack :**		
1.	Fuel used : Coal	2.	Fuel consumption : 374 Tons/Hr.

D. Results of Sampling & Analysis of Gaseous Emission :

SL. No.	PARAMETER	VALUE	UOM	METHOD OF TEST REFERENCE
1.	Barometric pressure	742	mm of Hg	IS : 11255 (Part 3)
2.	Carbon Dioxide	10.2	% v/v	IS 13270
3.	Carbon Monoxide	BDL(DL:0.2)	% v/v	IS 13270
4.	Flow Rate of the Flue Gas	2561605	Nm3/hr	IS : 11255 (Part 3)
5.	Mercury as Hg (Gaseous)	BDL(DL:0.003)	mg/Nm3	USEPA 29-25/06/
6.	Moisture content	2.6	%	IS : 11255 (Part 3)
7.	Oxides of Nitrogen as NO2	378.4	mg/Nm3	IS 11255 (Part 7)
8.	Oxygen	6.8	% v/v	IS 13270
9.	Particulate Matters	36.8	mg/Nm3	IS : 11255 (Part I)
10.	Sulphur Dioxide as SO2	520.6	mg/Nm3	IS 11255 (Part 2)
11.	Temperature	117	Deg C	IS : 11255 (Part 3)
12.	Velocity	22.76	m/s	IS : 11255 (Part 3)

For Mitra S. K. Private Limited

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TEST REPORT

Name & Address of the Customer :
Prayagraj Power Generation Company Ltd.
Vill.: Khan Semra,
Tehsil : Bara,
Uttar Pradesh.

Report No. : MSKPL/ED/2023-24/H1103P
Date : 24.01.2024
Sample No. : MSKNB/ED/2023-24/01/ZZ2050
Sample Description : Stack Monitoring
Date of Receipt of Sample: 16/01/2024
Job No. : EDN/ATM/KAT-2023/T74117
Sample Mark : Thimble No.- C2161 / Unit – III

Ref. No. & Date : 9200000102, Dt-24/05/2021.

ANALYSIS RESULT

A.	**General Information About Stack :**		
1.	Stack connected to	:	Unit - III
2.	Emission due to	:	Burning of Coal
3.	Material of construction of Stack	:	M.S
4.	Shape of Stack	:	Circular
5.	Whether stack is provided with permanent platform	:	Yes
6.	Boiler Capacity	:	660 MW
7.	Load	:	564 (M.W)
B.	**Physical Characteristics of Stack :**		
1.	Height of the stack from ground level	:	275 M
2.	Diameter of the stack at sampling point	:	7.40 M
3.	Height of the sampling point from GL	:	80 M
4.	Area of Stack	:	43.03 m^2
C.	**Analysis / Characteristics of Stack :**		
1.	Fuel used : Coal	2.	Fuel consumption : 353.3 Tons/Hr.

D. Results of Sampling & Analysis of Gaseous Emission :

SL. No.	PARAMETER	VALUE	UOM	METHOD OF TEST REFERENCE
1.	Barometric pressure	742	mm of Hg	IS : 11255 (Part 3)
2.	Carbon Dioxide	4.2	% v/v	IS 13270
3.	Carbon Monoxide	BDL(DL:0.2)	% v/v	IS 13270
4.	Flow Rate of the Flue Gas	2626336	Nm3/hr	IS : 11255 (Part 3)
5.	Mercury as Hg (Gaseous)	BDL(DL:0.003)	mg/Nm3	USEPA 29-25/06/
6.	Moisture content	2.69	%	IS : 11255 (Part 3)
7.	Oxides of Nitrogen as NO2	362.8	mg/Nm3	IS 11255 (Part 7)
8.	Oxygen	8.4	% v/v	IS 13270
9.	Particulate Matters	32.3	mg/Nm3	IS : 11255 (Part I)
10.	Sulphur Dioxide as SO2	497.5	mg/Nm3	IS 11255 (Part 2)
11.	Temperature	118	Deg C	IS : 11255 (Part 3)
12.	Velocity	23.29	m/s	IS : 11255 (Part 3)

For Mitra S. K. Private Limited

Prepared By

Authorised Signatory

Mitra S. K. Private Limited

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TEST REPORT

Name & Address of the Customer :
Prayagraj Power Generation Company Ltd.
Vill.: Khan Semra,
Tehsil : Bara,
Uttar Pradesh.

Report No. MSKPL/ED/2023-24/FUEF84
Date : 06.01.2024
Sample No. : MSKNB/ED/2023-24/12/5W5ADS
Sample Description : Stack Monitoring
Date of Receipt of Sample: 27/12/2023
Job No. : EDN/ATM/KAT-2023/10AE12
Sample Mark : Thimble No.- 0953 / Unit – I

Ref. No. & Date : 9200000102, Dt.-24/05/2021.

ANALYSIS RESULT

A.	**General Information About Stack :**		
1.	Stack connected to	:	Unit - I
2.	Emission due to	:	Burning of Coal
3.	Material of construction of Stack	:	M.S
4.	Shape of Stack	:	Circular
5.	Whether stack is provided with permanent platform	:	Yes
6.	Boiler Capacity	:	660 MW
7.	Load	:	618 (M.W)
B.	**Physical Characteristics of Stack :**		
1.	Height of the stack from ground level	:	275 M
2.	Diameter of the stack at sampling point	:	7.40 M
3.	Height of the sampling point from GL	:	80 M
4.	Area of Stack	:	43.03 m^2
C.	**Analysis / Characteristics of Stack :**		
1.	Fuel used : Coal	2.	Fuel consumption : 371.7 Tons/Hr.
D.	**Results of Sampling & Analysis of Gaseous Emission :**		

SL. No.	PARAMETER	VALUE	UOM	METHOD OF TEST REFERENCE
1.	Barometric pressure	742	mm of Hg	IS : 11255 (Part 3)
2.	Carbon Dioxide	12.4	% v/v	IS 13270
3.	Carbon Monoxide	<0.2	% v/v	IS 13270
4.	Flow Rate of the Flue Gas	2556427	Nm3/hr	IS : 11255 (Part 3)
5.	Mercury as Hg (Gaseous)	<0.003	mg/Nm3	USEPA 29-25/06/
6.	Moisture content	3.3	%	IS : 11255 (Part 3)
7.	Oxides of Nitrogen as NO2	348.7	mg/Nm3	IS 11255 (Part 7)
8.	Oxygen	8.6	% v/v	IS 13270
9.	Particulate Matters	30.8	mg/Nm3	IS : 11255 (Part I)
10.	Sulphur Dioxide as SO2	563.0	mg/Nm3	IS 11255 (Part 2)
11.	Temperature	120	Deg C	IS : 11255 (Part 3)
12.	Velocity	23.11	m/s	IS : 11255 (Part 3)

For Mitra S. K. Private Limited

Prepared By

Authorised Signatory

Mitra S. K. Private Limited

MSK TESTING • INSPECTION

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TEST REPORT

Name & Address of the Customer :
Prayagraj Power Generation Company Ltd.
Vill.: Khan Semra,
Tehsil : Bara,
Uttar Pradesh.

Report No. : MSKPL/ED/2023-24/FKEF8V
Date : 06.01.2024
Sample No. : MSKNB/ED/2023-24/12/HN5ACX
Sample Description : Stack Monitoring
Date of Receipt of Sample: 27/12/2023
Job No. : EDN/ATM/KAT-2023/10AE12
Sample Mark : Thimble No.- 0956 / Unit – II

Ref. No. & Date : 9200000102, Dt -24/05/2021.

ANALYSIS RESULT

A.	**General Information About Stack :**		
1.	Stack connected to	:	Unit - II
2.	Emission due to	:	Burning of Coal
3.	Material of construction of Stack	:	M.S
4.	Shape of Stack	:	Circular
5.	Whether stack is provided with permanent platform	:	Yes
6.	Boiler Capacity	:	660 MW
7.	Load	:	550 (M.W)
B.	**Physical Characteristics of Stack :**		
1.	Height of the stack from ground level	:	275 M
2.	Diameter of the stack at sampling point	:	7.40 M
3.	Height of the sampling point from GL	:	80 M
4.	Area of Stack	:	43.03 m^2
C.	**Analysis / Characteristics of Stack :**		
1.	Fuel used : Coal	2.	Fuel consumption : 350.9 Tons/Hr.

D. Results of Sampling & Analysis of Gaseous Emission :

SL. No.	PARAMETER	VALUE	UOM	METHOD OF TEST REFERENCE
1.	Barometric pressure	742	mm of Hg	IS : 11255 (Part 3)
2.	Carbon Dioxide	12.6	% v/v	IS 13270
3.	Carbon Monoxide	<0.2	% v/v	IS 13270
4.	Flow Rate of the Flue Gas	2595065	Nm3/hr	IS : 11255 (Part 3)
5.	Mercury as Hg (Gaseous)	<0.003	mg/Nm3	USEPA 29-25/06/
6.	Moisture content	7.4	%	IS : 11255 (Part 3)
7.	Oxides of Nitrogen as NO2	397.8	mg/Nm3	IS 11255 (Part 7)
8.	Oxygen	10.8	% v/v	IS 13270
9.	Particulate Matters	35.2	mg/Nm3	IS : 11255 (Part I)
10.	Sulphur Dioxide as SO2	588.1	mg/Nm3	IS 11255 (Part 2)
11.	Temperature	123	Deg C	IS : 11255 (Part 3)
12.	Velocity	23.40	m/s	IS : 11255 (Part 3)

For Mitra S. K. Private Limited

Prepared By

Authorised Signatory

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TEST REPORT

Name & Address of the Customer :
Prayagraj Power Generation Company Ltd.
Vill.: Khan Semra,
Tehsil : Bara,
Uttar Pradesh.

Report No. : MSKPL/ED/2023-24/GPEF8G
Date : 06.01.2024
Sample No. : MSKNB/ED/2023-24/12/LB5AB8
Sample Description : Stack Monitoring
Date of Receipt of Sample: 27/12/2023
Job No. : EDN/ATM/KAT-2023/10AE12
Sample Mark : Thimble No.- 1043 / Unit – III

Ref. No. & Date : 9200000102, Dt.-24/05/2021.

ANALYSIS RESULT

A.	**General Information About Stack :**		
1.	Stack connected to	:	Unit - III
2.	Emission due to	:	Burning of Coal
3.	Material of construction of Stack	:	M.S
4.	Shape of Stack	:	Circular
5.	Whether stack is provided with permanent platform	:	Yes
6.	Boiler Capacity	:	660 MW
7.	Load	:	591 (M.W)
B.	**Physical Characteristics of Stack :**		
1.	Height of the stack from ground level	:	275 M
2.	Diameter of the stack at sampling point	:	7.40 M
3.	Height of the sampling point from GL	:	80 M
4.	Area of Stack	:	43.03 m^2
C.	**Analysis / Characteristics of Stack :**		
1.	Fuel used : Coal	2.	Fuel consumption : 340.8 Tons/Hr.

D. Results of Sampling & Analysis of Gaseous Emission :

SL. No.	PARAMETER	VALUE	UOM	METHOD OF TEST REFERENCE
1.	Barometric pressure	742	mm of Hg	IS : 11255 (Part 3)
2.	Carbon Dioxide	10.2	% v/v	IS 13270
3.	Carbon Monoxide	<0.2	% v/v	IS 13270
4.	Flow Rate of the Flue Gas	2637493	Nm3/hr	IS : 11255 (Part 3)
5.	Mercury as Hg (Gaseous)	<0.003	mg/Nm3	USEPA 29-25/06/
6.	Moisture content	<2.0	%	IS : 11255 (Part 3)
7.	Oxides of Nitrogen as NO2	336.6	mg/Nm3	IS 11255 (Part 7)
8.	Oxygen	6.2	% v/v	IS 13270
9.	Particulate Matters	24.3	mg/Nm3	IS : 11255 (Part 1)
10.	Sulphur Dioxide as SO2	545.5	mg/Nm3	IS 11255 (Part 2)
11.	Temperature	122	Deg C	IS : 11255 (Part 3)
12.	Velocity	23.27	m/s	IS : 11255 (Part 3)

For Mitra S. K. Private Limited

Prepared By

Authorised Signatory

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TEST REPORT

Name & Address of the Customer :
Prayagraj Power Generation Company Ltd.
Vill.: Khan Semra,
Tehsil : Bara,
Uttar Pradesh.

Report No. : MSKPL/ED/2023-24/CUD8A4
Date : 07.12.2023
Sample No. : MSKNB/ED/2023-24/11/HU31CJ
Sample Description : Stack Monitoring
Date of Receipt of Sample: 29/11/2023
Job No. : EDN/ATM/KAT-2023/B2RN1K
Sample Mark : Thimble No.- 2013 / Unit – I

Ref. No. & Date : 9200000102, Dt-24/05/2021.

ANALYSIS RESULT

A.	**General Information About Stack :**		
1.	Stack connected to	:	Unit - I
2.	Emission due to	:	Burning of Coal
3.	Material of construction of Stack	:	M.S
4.	Shape of Stack	:	Circular
5.	Whether stack is provided with permanent platform	:	Yes
6.	Boiler Capacity	:	660 MW
7.	Load	:	393 (M.W)
B.	**Physical Characteristics of Stack :**		
1.	Height of the stack from ground level	:	275 M
2.	Diameter of the stack at sampling point	:	7.40 M
3.	Height of the sampling point from GL	:	80 M
4.	Area of Stack	:	43.03 m^2
C.	**Analysis / Characteristics of Stack :**		
1.	Fuel used : Coal	2.	Fuel consumption : 238 Tons/Hr.

D. Results of Sampling & Analysis of Gaseous Emission :

SL. No.	PARAMETER	VALUE	UOM	METHOD OF TEST REFERENCE
1.	Barometric pressure	742	mm of Hg	IS : 11255 (Part 3)
2.	Carbon Dioxide	8.4	% v/v	IS 13270
3.	Carbon Monoxide	<0.2	% v/v	IS 13270
4.	Flow Rate of the Flue Gas	2595065	Nm3/hr	IS : 11255 (Part 3)
5.	Mercury as Hg (Gaseous)	<0.003	mg/Nm3	USEPA 29-25/06/
6.	Moisture content	2.59	%	IS : 11255 (Part 3)
7.	Oxides of Nitrogen as NO2	386.2	mg/Nm3	IS 11255 (Part 7)
8.	Oxygen	6.10	% v/v	IS 13270
9.	Particulate Matters	32.56	mg/Nm3	IS : 11255 (Part I)
10.	Sulphur Dioxide as SO2	514.9	mg/Nm3	IS 11255 (Part 2)
11.	Temperature	115	Deg C	IS : 11255 (Part 3)
12.	Velocity	23.13	m/s	IS : 11255 (Part 3)

For Mitra S. K. Private Limited

Prepared By

Authorised Signatory

Mitra S. K. Private Limited

TESTING & INSPECTION

Above Punjab National Bank
Malhar Road, NH-7, Kuthia,
Katni – 483501 (M.P.)
CIN: U51909WB1956PTC023037
T : 07622 – 240651, 240919
E : prpattanaik@mitrask.co.in
sknigam@mitrask.co.in

TEST REPORT

Name & Address of the Customer :
Prayagraj Power Generation Company Ltd.
Vill.: Khan Semra,
Tehsil : Bara,
Uttar Pradesh.

Report No. : MSKPL/ED/2023-24/MDD8A9
Date : 07.12.2023
Sample No. : MSKNB/ED/2023-24/11/ND31DG
Sample Description : Stack Monitoring
Date of Receipt of Sample: 29/11/2023
Job No. : EDN/ATM/KAT-2023/B2RN1K
Sample Mark : Thimble No.- 2010 / Unit – II

Ref. No. & Date : 9200000102. Dt-24/05/2021.

ANALYSIS RESULT

General Information About Stack :		
Stack connected to	:	Unit - II
Emission due to	:	Burning of Coal
Material of construction of Stack	:	M.S
Shape of Stack	:	Circular
Whether stack is provided with permanent platform	:	Yes
Boiler Capacity	:	660 MW
Load	:	532 (M.W)
Physical Characteristics of Stack :		
Height of the stack from ground level	:	275 M
Diameter of the stack at sampling point	:	7.40 M
Height of the sampling point from GL	:	80 M
Area of Stack	:	43.03 m^2
Analysis / Characteristics of Stack :		
Fuel used : Coal	2.	Fuel consumption : 305 Tons/Hr.

Results of Sampling & Analysis of Gaseous Emission :

PARAMETER	VALUE	UOM	METHOD OF TEST REFERENCE
Barometric pressure	742	mm of Hg	IS : 11255 (Part 3)
Carbon Dioxide	8.2	% v/v	IS 13270
Carbon Monoxide	<0.2	% v/v	IS 13270
Flow Rate of the Flue Gas	2585311	Nm3/hr	IS : 11255 (Part 3)
Mercury as Hg (Gaseous)	<0.003	mg/Nm3	USEPA 29-25/06/
Moisture content	<2.0	%	IS : 11255 (Part 3)
Oxides of Nitrogen as NO2	312.8	mg/Nm3	IS 11255 (Part 7)
Oxygen	10.4	% v/v	IS 13270
Particulate Matters	28.56	mg/Nm3	IS : 11255 (Part I)
Sulphur Dioxide as SO2	497.7	mg/Nm3	IS 11255 (Part 2)
Temperature	114	Deg C	IS : 11255 (Part 3)
Velocity	22.77	m/s	IS : 11255 (Part 3)

For Mitra S. K. Private Limited

Prepared By

Authorised Signatory

Mitra S. K. Private Limited

Above Punjab National Bank
Maihar Road, NH-7, Kuthia,
Katni – 483501 (M.P.)
CIN: U51909WB1956PTC023037
T : 07622 – 240651, 240919
E : proattanaik@mitrask.co.in
sknigam@mitrask.co.in

TEST REPORT

Name & Address of the Customer :
Prayagraj Power Generation Company Ltd.
Vill.: Khan Semra,
Tehsil : Bara,
Uttar Pradesh.

Report No. : MSKPL/ED/2023-24/SHD8AU
Date : 07.12.2023
Sample No. : MSKNB/ED/2023-24/11/P531EL
Sample Description : Stack Monitoring
Date of Receipt of Sample: 29/11/2023
Job No. : EDN/ATM/KAT-2023/B2RN1K
Sample Mark : Thimble No.- 2008 / Unit – III

Ref. No. & Date : 9200000102, Dt -24/05/2021.

ANALYSIS RESULT

General Information About Stack :		
Stack connected to	:	Unit - III
Emission due to	:	Burning of Coal
Material of construction of Stack	:	M.S
Shape of Stack	:	Circular
Whether stack is provided with permanent platform	:	Yes
Boiler Capacity	:	660 MW
Load	:	587.7 (M.W)
Physical Characteristics of Stack :		
Height of the stack from ground level	:	275 M
Diameter of the stack at sampling point	:	7.40 M
Height of the sampling point from GL	:	80 M
Area of Stack	:	43.03 m^2
Analysis / Characteristics of Stack :		
Fuel used : Coal	2.	Fuel consumption : 319.6 Tons/Hr.

Results of Sampling & Analysis of Gaseous Emission :

PARAMETER	VALUE	UOM	METHOD OF TEST REFERENCE
Barometric pressure	742	mm of Hg	IS : 11255 (Part 3)
Carbon Dioxide	10.2	% v/v	IS 13270
Carbon Monoxide	<0.2	% v/v	IS 13270
Flow Rate of the Flue Gas	2626336	Nm3/hr	IS : 11255 (Part 3)
Mercury as Hg (Gaseous)	<0.003	mg/Nm3	USEPA 29-25/06/
Moisture content	2.69	%	IS : 11255 (Part 3)
Oxides of Nitrogen as NO2	396.2	mg/Nm3	IS 11255 (Part 7)
Oxygen	12.4	% v/v	IS 13270
Particulate Matters	36.15	mg/Nm3	IS : 11255 (Part I)
Sulphur Dioxide as SO2	535.5	mg/Nm3	IS 11255 (Part 2)
Temperature	116	Deg C	IS : 11255 (Part 3)
Velocity	23.23	m/s	IS : 11255 (Part 3)

For Mitra S. K. Private Limited

Prepared By

Authorised Signatory

Mitra S. K. Private Limited

Above Punjab National Bank
Maihar Road, NH-7, Kuthla,
Katni – 483501 (M.P.)
CIN: U51909WB1956PTC023037
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sknigam@mitrask.co.in

MSK TESTING • INSPECTION

TEST REPORT

Name & Address of the Customer :
Prayagraj Power Generation Company Ltd.
Vill.: Khan Semra,
Tehsil : Bara,
Uttar Pradesh.

Report No. : MSKPL/ED/2023-24/HC7920
Date : 20.10.2023
Sample No. : MSKNB/ED/2023-24/10/G2253E
Sample Description : Stack Monitoring
Date of Receipt of Sample: 12/10/2023
Job No. : EDN/ATM/KAT-2023/EXTL14
Sample Mark : Thimble No.- 1769 / Unit – II

Ref. No. & Date : 9200000102, Dt -24/05/2021.

ANALYSIS RESULT

A.	**General Information About Stack :**		
1.	Stack connected to	:	Unit - II
2.	Emission due to	:	Burning of Coal
3.	Material of construction of Stack	:	M.S
4.	Shape of Stack	:	Circular
5.	Whether stack is provided with permanent platform	:	Yes
6.	Boiler Capacity	:	660 MW
7.	Load	:	542 (M.W)
B.	**Physical Characteristics of Stack :**		
1.	Height of the stack from ground level	:	275 M
2.	Diameter of the stack at sampling point	:	7.40 M
3.	Height of the sampling point from GL	:	80 M
4.	Area of Stack	:	43.02 m^2
C.	**Analysis / Characteristics of Stack :**		
1.	Fuel used : Coal	2.	Fuel consumption : 344.2 Tons/Hr.

D. Results of Sampling & Analysis of Gaseous Emission :

SL. No.	PARAMETER	VALUE	UOM	METHOD OF TEST REFERENCE
1.	Barometric pressure	742	mm of Hg	IS : 11255 (Part 3) : 2008
2.	Carbon Dioxide	14.6	% v/v	IS 13270 : 1992
3.	Carbon Monoxide	<0.2	% v/v	IS 13270 : 1992
4.	Mercury as Hg (Gaseous)	<0.003	mg/Nm3	USEPA 29 by CVAS: 1996
5.	Moisture content	3.4	%	IS : 11255 (Part 3) : 2008
6.	Nitrogen oxides	386.6	mg/Nm3	IS 11255 (Part 7) : 2005
7.	Oxygen	10.8	% v/v	IS 13270 : 1992
8.	Particulate Matters	47.72	mg/Nm3	IS : 11255 (Part I): 1985
9.	Quantity of gas flow	2828658	Nm3/hr	IS : 11255 (Part 3) : 2008
10.	Sulphur Dioxide as SO2	562.0	mg/Nm3	IS 11255 (Part 2) : 1985
11.	Temperature of emmission	134	Deg C	IS : 11255 (Part 3) : 2008
12.	Velocity	22.56	m/s	IS : 11255 (Part 3) : 2008

For Mitra S. K. Private Limited

Prepared By

Authorised Signatory

Mitra S. K. Private Limited

Above Punjab National Bank
Maihar Road, NH-7, Kuthla,
Katni – 483501 (M.P.)
CIN: U51909WB1956PTC023037
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sknigam@mitrask.co.in

TEST REPORT

Name & Address of the Customer :
Prayagraj Power Generation Company Ltd.
Vill.: Khan Semra,
Tehsil : Bara,
Uttar Pradesh.

Report No. : MSKPL/ED/2023-24/51792Y
Date : 20.10.2023
Sample No. : MSKNB/ED/2023-24/10/G22549
Sample Description : Stack Monitoring
Date of Receipt of Sample: 12/10/2023
Job No. : EDN/ATM/KAT-2023/EXTL14
Sample Mark : Thimble No.- 1770 / Unit – III

Ref. No. & Date : 9200000102, Dt -24/05/2021.

ANALYSIS RESULT

A.	**General Information About Stack :**		
1.	Stack connected to	:	Unit - III
2.	Emission due to	:	Burning of Coal
3.	Material of construction of Stack	:	M.S
4.	Shape of Stack	:	Circular
5.	Whether stack is provided with permanent platform	:	Yes
6.	Boiler Capacity	:	660 MW
7.	Load	:	547 (M.W)
B.	**Physical Characteristics of Stack :**		
1.	Height of the stack from ground level	:	275 M
2.	Diameter of the stack at sampling point	:	7.40 M
3.	Height of the sampling point from GL	:	80 M
4.	Area of Stack	:	43.02 m^2
C.	**Analysis / Characteristics of Stack :**		
1.	Fuel used : Coal	2.	Fuel consumption : 353 Tons/Hr.

D. Results of Sampling & Analysis of Gaseous Emission :

SL. No.	PARAMETER	VALUE	UOM	METHOD OF TEST REFERENCE
1.	Barometric pressure	742	mm of Hg	IS : 11255 (Part 3) : 2008
2.	Carbon Dioxide	12.4	% v/v	IS 13270 : 1992
3.	Carbon Monoxide	<0.2	% v/v	IS 13270 : 1992
4.	Mercury as Hg (Gaseous)	<0.003	mg/Nm3	USEPA 29 by CVAS: 1996
5.	Moisture content	2.6	%	IS : 11255 (Part 3) : 2008
6.	Nitrogen oxides	338.7	mg/Nm3	IS 11255 (Part 7) : 2005
7.	Oxygen	6.6	% v/v	IS 13270 : 1992
8.	Particulate Matters	41.9	mg/Nm3	IS : 11255 (Part I): 1985
9.	Quantity of gas flow	2536169	Nm3/hr	IS : 11255 (Part 3) : 2008
10.	Sulphur Dioxide as SO2	534.5	mg/Nm3	IS 11255 (Part 2) : 1985
11.	Temperature of emmission	130	Deg C	IS : 11255 (Part 3) : 2008
12.	Velocity	23.87	m/s	IS : 11255 (Part 3) : 2008

For Mitra S. K. Private Limited

Prepared By

Authorised Signatory

Annexure -2

Photographs of the pollution control equipment, dust suppression system



ESP installed for particulate emission control



Bag filter installed for particulate emission control



Bag filter installed for particulate emission control



Fogging system at wagon tippler area



Dust suppression system installed at coal yard



Water sprinkling through tankers in ash pond bund

Annexure – 3

Doc MSK/GEN/19/07

Mitra S. K. Private Limited

Address of Laboratory :
Building No. P- 48, Udayan Industrial Estate,
3, Pagladanga Road, Kolkata 700015
West Bengal
Tel. : +91 7044036120
Email: udayanlab@mitrask.com

TC-6950

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TEST REPORT

Name & Address of Customer :

Prayagraj Power Generation Company Ltd.

Vill.: Khan Semra,
Tehsil : Bara,
Dist.: Prayagraj Uttar Pradesh India Pin 212107

Report No. :	MSKPL/ED/2023-24/U11037
Date :	01/02/2024
Sample No. :	MSKNB/ED/2023-24/01/E8202C
Date of receipt of sample:	16/01/2024
Date(s) of performance:	16/01/2024 - 01/02/2024
Location of performance of	Permanent Facility
Reference No. & Date :	9200000102, Date - 24/05/2021
Discipline:	Chemical

I hereby certify that the following sample Drawn by us has been analyzed with the following results:

1. Group	Pollution & Environment
2. Description of sample	Effluents Water
3. Unique Identification of sample(if any)	ASH POND WATER
4. Date of sampling	15/01/2024
5. Place of sampling	Prayagraj Power Generation Company Ltd. Vill.: Khan Semra, Tehsil : Bara, Dist.: Prayagraj Uttar Pradesh India Pin 212107
6. Environmental conditions during sampling & Transport	(2 - 5) deg C Cold chain maintained
7. Sampling Plan & Method used	APHA 23rd edition,2017
8. Identification of the personnel performing sampling by MSK	RAMESH KUMAR NISHAD
9. Field Equipments Used	N/A

Report No. : MSKPL/ED/2023-24/U11037 **Sample No. :** MSKNB/ED/2023-24/01/E8202C

RESULT

Chemical

Sl No.	Parameter	UOM	Method	Result
1	Arsenic as (As)	mg/l	APHA (24th Edition), 3120 B	BDL(DL:0.005)
2	Copper (as Cu)	mg/l	APHA (24th Edition), 3120 B	BDL(DL:0.05)
3	Lead (as Pb)	mg/l	APHA (24th Edition), 3120 B	BDL(DL:0.05)
4	Mercury (as Hg)	mg/l	APHA (24th Edition) 3112 B	BDL(DL:0.001)
5	Nickel (as Ni)	mg/l	APHA (24th Edition), 3120 B	BDL(DL:0.05)
6	Oil and Grease	mg/l	APHA (24th Edition), 5520B	BDL(DL:5.0)
7	Total Suspended Solid	mg/l	APHA (24th Edition), 2540D	68.0
8	pH	None	APHA (24th Edition) 4500 H+B	7.98 at 25 deg C

Opinion : NA

Statement of Conformity NA

------ END ------

Reviewed By:
Signature :
Name : Mr. Somnath Bardhan, Ms. Piali Ganguly
Designation : Technical In charge, Executive Chemist

Authorized Signatory:
Signature :
Name : Dr. Soumyadeep Mukhopadhyay
Designation : Lab In charge

Results relate only to the item(s) tested.
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Retained part of sample(s) for chemical analysis (Non - perishable sample(s) Food, Water) shall be retained for 15 days from the date of issue of the Test Report. Perishable sample(s) shall be retained 2 days from the date of issue of the Test Report.
Retained part of sample(s) for chemical analysis (Soil, Solid & Liquid Waste) shall be retained for 15 days as per CPCB guideline & (Air) 1 month from the date of issue of the Test Report.
Retained part of sample(s) for Microbiological analysis (Non - perishable sample(s) Food, Sealed Water, Sealed food) shall be retained for 15 days from the date of issue of the Test Report.

Head Office: Shrachi Centre (5th Floor), 74B, A.J.C. Bose Road, Kolkata - 700016, West Bengal, India.
Tel. : 91 33 40143000 / 22650007 Fax : 91 33 22650008
Email : info@mitrask.com Website : www.mitrask.com

Annexure-4

Mitra S. K. Private Limited

MSK TESTING • INSPECTION

TEST REPORT

Name & Address of Customer :

Prayagraj Power Generation Company Ltd.

Vill.: Khan Semra,
Tehsil : Bara,
Dist.: Prayagraj
(Uttar Pradesh) [India]
{Pin Code - 212107}

Report No. : MSKGL/ED/2024-25/000149
Date : 02/04/2024
Job No. : ED/WAT/KAT-2023/00027
Sample No. : MSKGL/ED/2023-24/03/01051
Drawn/Submitted on : 19/03/2024
Reference No. & Date : 9200000102, Date - 24/05/2021

We hereby certify that the following sample drawn by us / submitted by the customer has been analyzed with the followingresults:

1. Description of sample (As declared by customer)	Ground Water
2. Sample Mark (if any, given by the customer)	**HP-2 KAPARI PANCHAYAT BHAWAN**
3. Date of sampling	19/03/2024

Report No. : MSKGL/ED/2024-25/000149 **Sample No. :** MSKGL/ED/2023-24/03/01051

ANALYSIS RESULT

Chemical

Sl No.	Test Parameters	Unit	Test Method	Desirable Limit	Permissible	Result
1	Alkalinity (as CaCO3)	mg/l	APHA (23rd Edition) 2320B 2017_(O)	200	600	132
2	Aluminium (as Al)	mg/l	APHA (23rd Edition)3120B 2017 (ICP OES)_(O)	0.03	0.2	BDL(DL:0.01)
3	Anionic Detergents (as MBAS)	mg/l	APHA (23rd Edition)5540 C,2017_(O)	0.2	1.0	BDL (DL:0.02)
4	Arsenic(as As)	mg/l	APHA (23rd Edition)3120B 2017 (ICP OES)_(O)	0.01	0.05	BDL(DL:0.005)
5	Barium (as Ba)	mg/l	APHA (23rd Edition)3120B 2017 (ICP OES)_(O)	0.7	No Relaxation	BDL(DL:0.1)
6	Boron (as B)	mg/l	APHA (23 rd Edition)2540C_(O)	0.5	1.0	BDL (DL:0.5)
7	Cadmium (as Cd)	mg/l	APHA (23rd Edition)3120B 2017_(O)	0.003	No Relaxation	BDL(DL:0.001)
8	Calcium (as Ca)	mg/l	APHA (23rd Edition) 3500 Ca B,2017_(O)	75	200	41
9	Chloride (as Cl)	mg/l	APHA (23rd Edition)4500-Cl B 2017_(O)	250	1000	76
10	Copper (as Cu)	mg/l	APHA (23rd Edition)3120B 2017 (ICP OES)_(O)	0.05	1.5	BDL(DL:0.02)
11	Cyanide (as CN)	mg/l	APHA (23rd Edition)4500 CN- F 2017_(O)	0.05	No Relaxation	BDL (DL:0.02)
12	Fluoride (as F)	mg/l	APHA (23rd Edition)4500 - F C/D, 2017_(O)	1.0	1.5	BDL (DL:0.10)
13	Free Residual Chlorine	mg/l	IS 3025 (Part 26)-1986 Rffm:2014_(O)	0.2	1.0	BDL (DL:0.10)
14	Hexavalent Chromium (as Cr+6)	mg/l	APHA 23rd Edtn-2017, 3500 Cr B_(O)			BDL (DL:0.05)
15	Iron (as Fe)	mg/l	APHA (23rd Edition)3500 Fe B 2017_(O)	0.3	No Relaxation	0.22
16	Lead (as Pb)	mg/l	APHA (23rd Edition)3120B 2017_(O)	0.01	No Relaxation	BDL(DL:0.005)

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Report No. : MSKGL/ED/2024-25/000149 Sample No. : MSKGL/ED/2023-24/03/01051

ANALYSIS RESULT

Chemical

Sl No.	Test Parameters	Unit	Test Method	Desirable Limit	Permissible	Result
17	Magnesium (as Mg)	mg/l	APHA (23rd Edition) 3500 Mg B,2017_(O)	30	100	13
18	Manganese (as Mn)	mg/l	APHA (23rd Edition)3120B 2017 (ICP OES)_(O)	0.1	0.3	BDL(DL:0.02)
19	Mercury (as Hg)	mg/l	IS 3025(Part 48)-1994: Rffm:2014_(O)	0.001	No Relaxation	BDL(DL:0.0002)
20	Molybdenum (as Mo)	mg/l	APHA (23rd Edition)3120B 2017_(O)	0.07	No Relaxation	BDL(DL:0.05)
21	Nickel (as Ni)	mg/l	APHA (23rd Edition)3120B 2017_(O)	0.02	No Relaxation	BDL(DL:0.01)
22	Nitrate (as NO3)	mg/l	APHA (23rd Edition) 4500- NO3-E, 2017_(O)	45	No Relaxation	27
23	Phenolic Compounds (as C6H5OH)	mg/l	APHA (23rd Edition)5530C 2017 (Chloroform Extraction)_(O)	0.001	0.002	BDL (DL:0.001)
24	Selenium (as Se)	mg/l	APHA (23rd Edition)3120B 2017_(O)	0.01	No Relaxation	BDL(DL:0.005)
25	Sulphate (as SO4)	mg/l	APHA (23rd Edition) 4500-SO4 E 2017_(O)	200	400	48
26	Total Hardness (as CaCO3)	mg/l	APHA (23rd Edition) 2340 C 2017_(O)	200	600	133
27	Zinc (as Zn)	mg/l	APHA (23rd Edition)3120B 2017_(O)	5	15	BDL(DL:0.02)
28	Colour	Hazen	APHA (23rd Edition) 2120B 2017 _(O)	5	15	BDL (DL:5.0)
29	Odour	None	APHA(23rd Edition)2150B_(O)	Agreeable	Agreeable	AGREEABLE
30	Taste	None	IS 3025 (Part 8)-1983 Rffm:2012_(O)			NOT DONE
31	Total Dissolved Solids (as TDS)	mg/l	APHA (23rd Edition) 2540C_(O)	500	2000	207
32	Turbidity	N.T.U.	APHA (23rd Edition) 2130B_(O)	1	5	2.0
33	pH	None	APHA(23rd Edition) 4500-H-B_(O)	6.5-8.5	No Relaxation	7.32 AT 25 DEGREE C

Micro Biology

Sl No.	Test Parameters	Unit	Test Method	Desirable Limit	Permissible	Result
34	E.coli	/100ml	APHA 23rd Edition 9221 F_(O)		NA	Not Detected
35	Total coliform bacteria	MPN/100ml	APHA 23rd Edition 9221 B_(O)		NA	<1.8

DL : Detection Limit ***BDL : Below Detection Limit***

Opinion :

Report Verified By

For Mitra S. K. Private Limited

Authorised Signatory

- *This results relate only to the item(s) tested.*
- *This Test Report shall not be reproduced except in full, without the permission of Mitra S. K. Private Limited.*

TEST REPORT

Name & Address of Customer :

Prayagraj Power Generation Company Ltd.

Vill.: Khan Semra,
Tehsil : Bara,
Dist.: Prayagraj
(Uttar Pradesh) [India]
(Pin Code – 212107)

Report No. : MSKGL/ED/2024-25/000150
Date : 02/04/2024
Job No. : ED/WAT/KAT-2023/00027
Sample No. : MSKGL/ED/2023-24/03/01052
Drawn/Submitted on : 19/03/2024
Reference No. & Date : 9200000102, Date - 24/05/2021

We hereby certify that the following sample drawn by us / submitted by the customer has been analyzed with the followingresults:

1. Description of sample (As declared by customer)	Ground Water
2. Sample Mark (if any, given by the customer)	**HP-3 JORVAT VILLAGE**
3. Date of sampling	19/03/2024

Report No. : MSKGL/ED/2024-25/000150 **Sample No. :** MSKGL/ED/2023-24/03/01052

ANALYSIS RESULT

Chemical

Sl No.	Test Parameters	Unit	Test Method	Desirable Limit	Permissible	Result
1	Alkalinity (as CaCO3)	mg/l	APHA (23rd Edition) 2320B 2017_(O)	200	600	176
2	Aluminium (as Al)	mg/l	APHA (23rd Edition)3120B 2017 (ICP OES)_(O)	0.03	0.2	BDL(DL:0.01)
3	Anionic Detergents (as MBAS)	mg/l	APHA (23rd Edition)5540 C,2017_(O)	0.2	1.0	BDL (DL:0.02)
4	Arsenic(as As)	mg/l	APHA (23rd Edition)3120B 2017 (ICP OES)_(O)	0.01	0.05	BDL(DL:0.005)
5	Barium (as Ba)	mg/l	APHA (23rd Edition)3120B 2017 (ICP OES)_(O)	0.7	No Relaxation	BDL(DL:0.1)
6	Boron (as B)	mg/l	APHA (23 rd Edition)2540C_(O)	0.5	1.0	BDL (DL:0.5)
7	Cadmium (as Cd)	mg/l	APHA (23rd Edition)3120B 2017_(O)	0.003	No Relaxation	BDL(DL:0.001)
8	Calcium (as Ca)	mg/l	APHA (23rd Edition) 3500 Ca B,2017_(O)	75	200	32
9	Chloride (as Cl)	mg/l	APHA (23rd Edition)4500-Cl B 2017_(O)	250	1000	112
10	Copper (as Cu)	mg/l	APHA (23rd Edition)3120B 2017 (ICP OES)_(O)	0.05	1.5	BDL(DL:0.02)
11	Cyanide (as CN)	mg/l	APHA (23rd Edition)4500 CN- F 2017_(O)	0.05	No Relaxation	BDL (DL:0.02)
12	Fluoride (as F)	mg/l	APHA (23rd Edition)4500 - F C/D, 2017_(O)	1.0	1.5	0.64
13	Free Residual Chlorine	mg/l	IS 3025 (Part 26)-1986 Rffm:2014_(O)	0.2	1.0	BDL (DL:0.10)
14	Hexavalent Chromium (as Cr+6)	mg/l	APHA 23rd Edtn-2017, 3500 Cr B (O)			BDL (DL:0.05)
15	Iron (as Fe)	mg/l	APHA (23rd Edition)3500 Fe B 2017_(O)	0.3	No Relaxation	0.18
16	Lead (as Pb)	mg/l	APHA (23rd Edition)3120B 2017_(O)	0.01	No Relaxation	BDL(DL:0.005)

* *This results relate only to the item(s) tested.*
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Report No. : MSKGL/ED/2024-25/000150 **Sample No. :** MSKGL/ED/2023-24/03/01052

ANALYSIS RESULT

Chemical

Sl No.	Test Parameters	Unit	Test Method	Desirable Limit	Permissible	Result
17	Magnesium (as Mg)	mg/l	APHA (23rd Edition) 3500 Mg B,2017_(O)	30	100	24
18	Manganese (as Mn)	mg/l	APHA (23rd Edition)3120B 2017 (ICP OES)_(O)	0.1	0.3	BDL(DL:0.02)
19	Mercury (as Hg)	mg/l	IS 3025(Part 48)-1994; Rffm:2014_(O)	0.001	No Relaxation	BDL(DL:0.0002)
20	Molybdenum (as Mo)	mg/l	APHA (23rd Edition)3120B 2017_(O)	0.07	No Relaxation	BDL(DL:0.05)
21	Nickel (as Ni)	mg/l	APHA (23rd Edition)3120B 2017_(O)	0.02	No Relaxation	BDL(DL:0.01)
22	Nitrate (as NO3)	mg/l	APHA (23rd Edition) 4500- NO3-E, 2017_(O)	45	No Relaxation	26
23	Phenolic Compounds (as C6H5OH)	mg/l	APHA (23rd Edition)5530C 2017 (Chloroform Extraction)_(O)	0.001	0.002	BDL (DL:0.001)
24	Selenium (as Se)	mg/l	APHA (23rd Edition)3120B 2017_(O)	0.01	No Relaxation	BDL(DL:0.005)
25	Sulphate (as SO4)	mg/l	APHA (23rd Edition) 4500-SO4 E 2017_(O)	200	400	54
26	Total Hardness (as CaCO3)	mg/l	APHA (23rd Edition) 2340 C 2017_(O)	200	600	148
27	Zinc (as Zn)	mg/l	APHA (23rd Edition)3120B 2017_(O)	5	15	BDL(DL:0.02)
28	Colour	Hazen	APHA (23rd Edition) 2120B 2017 _(O)	5	15	BDL (DL:5.0)
29	Odour	None	APHA(23rd Edition)2150B_(O)	Agreeable	Agreeable	AGREEABLE
30	Taste	None	IS 3025 (Part 8)-1983 Rffm:2012_(O)			NOT DONE
31	Total Dissolved Solids (as TDS)	mg/l	APHA (23rd Edition) 2540C_(O)	500	2000	419
32	Turbidity	N.T.U.	APHA (23rd Edition) 2130B_(O)	1	5	BDL (DL:1.0)
33	pH	None	APHA(23rd Edition) 4500-H-B_(O)	6.5-8.5	No Relaxation	7.44 AT 25 DEGEE C

Micro Biology

Sl No.	Test Parameters	Unit	Test Method	Desirable Limit	Permissible	Result
34	E.coli	/100ml	APHA 23rd Edition 9221 F_(O)		NA	Not Detected
35	Total coliform bacteria	MPN/100ml	APHA 23rd Edition 9221 B_(O)		NA	13

DL : Detection Limit ***BDL : Below Detection Limit***

Opinion :

Report Verified By

For Mitra S. K. Private Limited

Authorised Signatory

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Mitra S. K. Private Limited

TESTING & INSPECTION

TEST REPORT

Name & Address of Customer :

Prayagraj Power Generation Company Ltd.

Vill.: Khan Semra,
Tehsil : Bara,
Dist.: Prayagraj
(Uttar Pradesh) (India)
(Pin Code - 212107)

Report No. : MSKGL/ED/2023-24/005319
Date : 13/03/2024
Job No. : ED/WAT/KAT-2023/00026
Sample No. : MSKGL/ED/2023-24/02/00492
Drawn/Submitted on : 13/02/2024
Reference No. & Date : 9200000102, Date - 24/05/2021

We hereby certify that the following sample drawn by us / submitted by the customer has been analyzed with the followingresults:

1. Description of sample (As declared by customer)	Ground Water
2. Sample Mark (if any, given by the customer)	**HP-3 JORVAT VILLAGE**
3. Date of sampling	**13/02/2024**

Report No. : MSKGL/ED/2023-24/005319 **Sample No. :** MSKGL/ED/2023-24/02/00492

ANALYSIS RESULT

Chemical

Sl No.	Test Parameters	Unit	Test Method	Desirable Limit	Permissible	Result
1	Alkalinity (as CaCO3)	mg/l	APHA (23rd Edition) 2320B 2017_(O)	200	600	364
2	Aluminium (as Al)	mg/l	APHA (23rd Edition)3120B 2017 (ICP OES)_(O)	0.03	0.2	BDL(DL:0.01)
3	Anionic Detergents (as MBAS)	mg/l	APHA (23rd Edition)5540 C,2017_(O)	0.2	1.0	BDL (DL:0.02)
4	Arsenic(as As)	mg/l	APHA (23rd Edition)3120B 2017 (ICP OES)_(O)	0.01	0.05	BDL(DL:0.005)
5	Barium (as Ba)	mg/l	APHA (23rd Edition)3120B 2017 (ICP OES)_(O)	0.7	No Relaxation	BDL(DL:0.1)
6	Boron (as B)	mg/l	APHA (23 rd Edition)2540C_(O)	0.5	1.0	BDL (DL:0.5)
7	Cadmium (as Cd)	mg/l	APHA (23rd Edition)3120B 2017_(O)	0.003	No Relaxation	BDL(DL:0.001)
8	Calcium (as Ca)	mg/l	APHA (23rd Edition) 3500 Ca B,2017_(O)	75	200	131
9	Chloride (as Cl)	mg/l	APHA (23rd Edition)4500-Cl B 2017_(O)	250	1000	190
10	Copper (as Cu)	mg/l	APHA (23rd Edition)3120B 2017 (ICP OES)_(O)	0.05	1.5	BDL(DL:0.02)
11	Cyanide (as CN)	mg/l	APHA (23rd Edition)4500 CN- F 2017_(O)	0.05	No Relaxation	BDL (DL:0.02)
12	Fluoride (as F)	mg/l	APHA (23rd Edition)4500 - F C/D, 2017_(O)	1.0	1.5	0.73
13	Free Residual Chlorine	mg/l	IS 3025 (Part 26)-1986 Rffm:2014_(O)	0.2	1.0	BDL (DL:0.10)
14	Hexavalent Chromium (as Cr+6)	mg/l	APHA 23rd Edtn-2017, 3500 Cr B_(O)			BDL (DL:0.05)
15	Iron (as Fe)	mg/l	APHA (23rd Edition)3500 Fe B 2017_(O)	0.3	No Relaxation	BDL (DL:0.05)
16	Lead (as Pb)	mg/l	APHA (23rd Edition)3120B 2017_(O)	0.01	No Relaxation	BDL(DL:0.005)

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Shrachi Centre (5th Floor), 74B, A.J.C. Bose Road, Kolkata - 700016, West Bengal, India.
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Report No. : MSKGL/ED/2023-24/005319 Sample No. : MSKGL/ED/2023-24/02/00492

ANALYSIS RESULT

Chemical

Sl No.	Test Parameters	Unit	Test Method	Desirable Limit	Permissible	Result
17	Magnesium (as Mg)	mg/l	APHA (23rd Edition) 3500 Mg B,2017_(O)	30	100	27
18	Manganese (as Mn)	mg/l	APHA (23rd Edition)3120B 2017 (ICP OES)_(O)	0.1	0.3	BDL(DL:0.02)
19	Mercury (as Hg)	mg/l	IS 3025(Part 48)-1994; Rffm:2014_(O)	0.001	No Relaxation	BDL(DL:0.0002)
20	Molybdenum (as Mo)	mg/l	APHA (23rd Edition)3120B 2017_(O)	0.07	No Relaxation	BDL(DL:0.05)
21	Nickel (as Ni)	mg/l	APHA (23rd Edition)3120B 2017_(O)	0.02	No Relaxation	BDL(DL:0.01)
22	Nitrate (as NO3)	mg/l	APHA (23rd Edition) 4500- NO3-E,2017_(O)	45	No Relaxation	15
23	Phenolic Compounds (as C6H5OH)	mg/l	APHA (23rd Edition)5530C 2017 (Chloroform Extraction)_(O)	0.001	0.002	BDL (DL:0.001)
24	Selenium (as Se)	mg/l	APHA (23rd Edition)3120B 2017_(O)	0.01	No Relaxation	BDL(DL:0.005)
25	Sulphate (as SO4)	mg/l	APHA (23rd Edition) 4500-SO4 E 2017_(O)	200	400	66
26	Total Hardness (as CaCO3)	mg/l	APHA (23rd Edition) 2340 C 2017_(O)	200	600	140
27	Zinc (as Zn)	mg/l	APHA (23rd Edition)3120B 2017_(O)	5	15	BDL(DL:0.02)
28	Colour	Hazen	APHA (23rd Edition) 2120B 2017_(O)	5	15	BDL (DL:5.0)
29	Odour	None	APHA(23rd Edition)2150B_(O)	Agreeable	Agreeable	AGREEABLE
30	Taste	None	IS 3025 (Part 8)-1983 Rffm:2012_(O)			NOT DONE
31	Total Dissolved Solids (as TDS)	mg/l	APHA (23rd Edition) 2540C_(O)	500	2000	456
32	Turbidity	N.T.U.	APHA (23rd Edition) 2130B_(O)	1	5	BDL (DL:1.0)
33	pH	None	APHA(23rd Edition) 4500-H-B_(O)	6.5-8.5	No Relaxation	7.56 AT 25 DEGEE C

Micro Biology

Sl No.	Test Parameters	Unit	Test Method	Desirable Limit	Permissible	Result
34	E.coli	/100ml	APHA 23rd Edition 9221 F_(O)		NA	Not Detected
35	Total coliform bacteria	MPN/100ml	APHA 23rd Edition 9221 B_(O)		NA	17

DL : Detection Limit ***BDL : Below Detection Limit***

Opinion :

Report Verified By

For Mitra S. K. Private Limited

Authorised Signatory

- *This results relate only to the item(s) tested.*
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Mitra S. K. Private Limited

MSK TESTING • INSPECTION

TEST REPORT

Name & Address of Customer :

Prayagraj Power Generation Company Ltd.

Vill.: Khan Semra,
Tehsil : Bara,
Dist.: Prayagraj
(Uttar Pradesh) [India]
(Pin Code - 212107)

Report No. : MSKGL/ED/2023-24/005320
Date : 13/03/2024
Job No. : ED/WAT/KAT-2023/00026
Sample No. : MSKGL/ED/2023-24/02/00491
Drawn/Submitted on : 13/02/2024
Reference No. & Date : 9200000102, Date - 24/05/2021

We hereby certify that the following sample drawn by us / submitted by the customer has been analyzed with the followingresults:

1. Description of sample (As declared by customer)	Ground Water
2. Sample Mark (if any, given by the customer)	**HP-2 KAPARI PANCHAYAT BHAWAN**
3. Date of sampling	13/02/2024

Report No. : MSKGL/ED/2023-24/005320 **Sample No. :** MSKGL/ED/2023-24/02/00491

ANALYSIS RESULT

Chemical

Sl No.	Test Parameters	Unit	Test Method	Desirable Limit	Permissible	Result
1	Alkalinity (as CaCO3)	mg/l	APHA (23rd Edition) 2320B 2017_(O)	200	600	108
2	Aluminium (as Al)	mg/l	APHA (23rd Edition)3120B 2017 (ICP OES)_(O)	0.03	0.2	BDL(DL:0.01)
3	Anionic Detergents (as MBAS)	mg/l	APHA (23rd Edition)5540 C,2017_(O)	0.2	1.0	BDL (DL:0.02)
4	Arsenic(as As)	mg/l	APHA (23rd Edition)3120B 2017 (ICP OES)_(O)	0.01	0.05	BDL(DL:0.005)
5	Barium (as Ba)	mg/l	APHA (23rd Edition)3120B 2017 (ICP OES)_(O)	0.7	No Relaxation	BDL(DL:0.1)
6	Boron (as B)	mg/l	APHA (23 rd Edition)2540C_(O)	0.5	1.0	BDL (DL:0.5)
7	Cadmium (as Cd)	mg/l	APHA (23rd Edition)3120B 2017_(O)	0.003	No Relaxation	BDL(DL:0.001)
8	Calcium (as Ca)	mg/l	APHA (23rd Edition) 3500 Ca B,2017_(O)	75	200	32
9	Chloride (as Cl)	mg/l	APHA (23rd Edition)4500-Cl B 2017_(O)	250	1000	38
10	Copper (as Cu)	mg/l	APHA (23rd Edition)3120B 2017 (ICP OES)_(O)	0.05	1.5	BDL(DL:0.02)
11	Cyanide (as CN)	mg/l	APHA (23rd Edition)4500 CN- F 2017_(O)	0.05	No Relaxation	BDL (DL:0.02)
12	Fluoride (as F)	mg/l	APHA (23rd Edition)4500 - F C/D, 2017_(O)	1.0	1.5	BDL (DL:0.10)
13	Free Residual Chlorine	mg/l	IS 3025 (Part 26)-1986 Rffm:2014_(O)	0.2	1.0	BDL (DL:0.10)
14	Hexavalent Chromium (as Cr+6)	mg/l	APHA 23rd Edtn-2017, 3500 Cr B_(O)			BDL (DL:0.05)
15	Iron (as Fe)	mg/l	APHA (23rd Edition)3500 Fe B 2017_(O)	0.3	No Relaxation	0.17
16	Lead (as Pb)	mg/l	APHA (23rd Edition)3120B 2017_(O)	0.01	No Relaxation	BDL(DL:0.005)

- *This results relate only to the item(s) tested.*
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Shrachi Centre (5th Floor), 74B, A.J.C. Bose Road, Kolkata - 700016, West Bengal, India.
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Email : info@mitrask.com Website : www.mitrask.com

Report No. : MSKGL/ED/2023-24/005320 Sample No. : MSKGL/ED/2023-24/02/00491

ANALYSIS RESULT

Chemical

Sl No.	Test Parameters	Unit	Test Method	Desirable Limit	Permissible	Result
17	Magnesium (as Mg)	mg/l	APHA (23rd Edition) 3500 Mg B,2017_(O)	30	100	8.6
18	Manganese (as Mn)	mg/l	APHA (23rd Edition)3120B 2017 (ICP OES)_(O)	0.1	0.3	BDL(DL:0.02)
19	Mercury (as Hg)	mg/l	IS 3025(Part 48)-1994; Rffm:2014_(O)	0.001	No Relaxation	BDL(DL:0.0002)
20	Molybdenum (as Mo)	mg/l	APHA (23rd Edition)3120B 2017_(O)	0.07	No Relaxation	BDL(DL:0.05)
21	Nickel (as Ni)	mg/l	APHA (23rd Edition)3120B 2017_(O)	0.02	No Relaxation	BDL(DL:0.01)
22	Nitrate (as NO3)	mg/l	APHA (23rd Edition) 4500- NO3-E, 2017_(O)	45	No Relaxation	12
23	Phenolic Compounds (as C6H5OH)	mg/l	APHA (23rd Edition)5530C 2017 (Chloroform Extraction)_(O)	0.001	0.002	BDL (DL:0.001)
24	Selenium (as Se)	mg/l	APHA (23rd Edition)3120B 2017_(O)	0.01	No Relaxation	BDL(DL:0.005)
25	Sulphate (as SO4)	mg/l	APHA (23rd Edition) 4500-SO4 E 2017_(O)	200	400	7.3
26	Total Hardness (as CaCO3)	mg/l	APHA (23rd Edition) 2340 C 2017_(O)	200	600	116
27	Zinc (as Zn)	mg/l	APHA (23rd Edition)3120B 2017_(O)	5	15	BDL(DL:0.02)
28	Colour	Hazen	APHA (23rd Edition) 2120B 2017_(O)	5	15	BDL (DL:5.0)
29	Odour	None	APHA(23rd Edition)2150B_(O)	Agreeable	Agreeable	AGREEABLE
30	Taste	None	IS 3025 (Part 8)-1983 Rffm:2012_(O)			NOT DONE
31	Total Dissolved Solids (as TDS)	mg/l	APHA (23rd Edition) 2540C_(O)	500	2000	182
32	Turbidity	N.T.U.	APHA (23rd Edition) 2130B_(O)	1	5	2.0
33	pH	None	APHA(23rd Edition) 4500-H-B_(O)	6.5-8.5	No Relaxation	7.39 AT 25 DEGREE C

Micro Biology

Sl No.	Test Parameters	Unit	Test Method	Desirable Limit	Permissible	Result
34	E.coli	/100ml	APHA 23rd Edition 9221 F_(O)		NA	Not Detected
35	Total coliform bacteria	MPN/100ml	APHA 23rd Edition 9221 B_(O)		NA	<1.8

DL : Detection Limit ***BDL : Below Detection Limit***

Opinion :

Report Verified By

For Mitra S. K. Private Limited

Authorised Signatory

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TEST REPORT

Name & Address of Customer :

Prayagraj Power Generation Company Ltd.

Vill.: Khan Semra,
Tehsil : Bara,
Dist.: Prayagraj
(Uttar Pradesh) [India]
Pin Code - 212107)

Report No. : MSKGL/ED/2023-24/004777
Date : 15/02/2024
Job No. : ED/WAT/KAT-2023/00025
Sample No. : MSKGL/ED/2023-24/01/00517
Drawn/Submitted on : 15/01/2024
Reference No. & Date : 9200000102, Date - 24/05/2021

We hereby certify that the following sample drawn by us / submitted by the customer has been analyzed with the followingresults:

1. Description of sample (As declared by customer)	Ground Water
2. Sample Mark (if any, given by the customer)	**HP-2 KAPARI PANCHAYAT BHAWAN**
3. Date of sampling	15/01/2024

Report No. : MSKGL/ED/2023-24/004777 **Sample No. :** MSKGL/ED/2023-24/01/00517

ANALYSIS RESULT

Chemical

Sl No.	Test Parameters	Unit	Test Method	Desirable Limit	Permissible	Result
1	Alkalinity (as CaCO3)	mg/l	APHA (24th Edition), 2320B	200	600	182
2	Aluminium (as Al)	mg/l	APHA (24th Edition), 3120 B	0.03	0.2	BDL(DL:0.01)
3	Anionic Detergents (as MBAS)	mg/l	APHA (24th Edition), 5540 C	0.2	1.0	BDL(DL:0.02)
4	Arsenic(as As)	mg/l	APHA (24th Edition), 3120 B	0.01	0.05	BDL(DL:0.005)
5	Barium (as Ba)	mg/l	APHA (24th Edition),3120 B	0.7	No Relaxation	BDL(DL:0.05)
6	Boron (as B)	mg/l	APHA (24th Edition) ,4500 - B C	0.5	1.0	BDL(DL0.50)
7	Cadmium (as Cd)	mg/l	APHA (24th Edition), 3120 B	0.003	No Relaxation	BDL(DL:0.001)
8	Calcium (as Ca)	mg/l	APHA (24th Edition), 3500 Ca B	75	200	71
9	Chloride (as Cl)	mg/l	APHA (24th Edition) 4500 -Cl B	250	1000	168
10	Colour	Hazen	APHA (24th Edition), 2120B	5	15	BDL(DL:5.0)
11	Copper (as Cu)	mg/l	APHA (24th Edition), 3120 B	0.05	1.5	BDL(DL:0.02)
12	Cyanide (as CN)	mg/l	APHA (24th Edition), 4500 CN - F	0.05	No Relaxation	BDL(DL:0.02)
13	Fluoride (as F)	mg/l	APHA (24th Edition), 4500 F- C/D	1.0	1.5	0.45
14	Free Residual Chlorine	mg/l	IS 3025 (Part 26)-1986 Rffm:2014_(O)	0.2	1.0	BDL(DL:0.10)
15	Hexavalent Chromium (as Cr+6)	mg/l	APHA (24th Edition), 3500 Cr B			BDL(DL:0.50)
16	Iron (as Fe)	mg/l	APHA (24th Edition), 3500 Fe B	0.3	No Relaxation	0.26

* *This results relate only to the item(s) tested.*

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Report No. : MSKGL/ED/2023-24/004777 Sample No. : MSKGL/ED/2023-24/01/00517

ANALYSIS RESULT

Chemical

Sl No.	Test Parameters	Unit	Test Method	Desirable Limit	Permissible	Result
17	Lead (as Pb)	mg/l	APHA (24th Edition), 3120 B	0.01	No Relaxation	BDL(DL:0.005)
18	Magnesium (as Mg)	mg/l	APHA (24th Edition), 3500 Mg B	30	100	24
19	Manganese (as Mn)	mg/l	APHA (24th Edition), 3120 B	0.1	0.3	BDL(DL:0.02)
20	Mercury (as Hg)	mg/l	IS 3025 (Part 48): 1994	0.001	No Relaxation	BDL(DL:0.001)
21	Molybdenum (as Mo)	mg/l	APHA (24th Edition),3120 B	0.07	No Relaxation	BDL(DL:0.05)
22	Nickel (as Ni)	mg/l	APHA (24th Edition), 3120 B	0.02	No Relaxation	BDL(DL:0.02)
23	Nitrate (as NO3)	mg/l	APHA (24th Edition), 4500 NO3-E	45	No Relaxation	36
24	Odour	None	APHA (24th Edition), 2150B	Agreeable	Agreeable	AGREEABLE
25	Phenolic Compounds (as C6H5OH)	mg/l	APHA (24th Edition), 5530C (Chloroform Extraction)	0.001	0.002	BDL(DL:0.001)
26	Selenium (as Se)	mg/l	APHA (24th Edition)3120 B	0.01	No Relaxation	BDL(DL:0.005)
27	Sulphate (as SO4)	mg/l	APHA (24th Edition), 4500 SO42-E	200	400	92
28	Taste	None	IS 3025 (Part 8)-1983 Rffm:2012_(O)			NOT DONE
29	Total Dissolved Solids (as TDS)	mg/l	APHA (24th Edition), 2540C	500	2000	435
30	Total Hardness (as CaCO3)	mg/l	APHA (24th Edition), 2340 C	200	600	188
31	Turbidity	N.T.U.	APHA (24th Edition), 2130B	1	5	4.0
32	Zinc (as Zn)	mg/l	APHA (24th Edition), 3120 B	5	15	BDL(DL:0.02)
33	pH value	None	APHA 24th Edition, 2023 4500-H+B	6.5-8.5	No Relaxation	7.56 AT 25 DEGREE C

Micro Biology

Sl No.	Test Parameters	Unit	Test Method	Desirable Limit	Permissible	Result
34	E.coli	/100ml	APHA 23rd Edition 9221 F_(O)		NA	Not Detected
35	Total coliform	MPN/100ml	APHA 23rd Edition 9221 B_(O)		NA	84

DL : Detection Limit ***BDL : Below Detection Limit***

Opinion :

Report Verified By

For Mitra S. K. Private Limited

Authorised Signatory

- *This results relate only to the item(s) tested.*
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Mitra S. K. Private Limited

MSK TESTING • INSPECTION

TEST REPORT

Name & Address of Customer :

Prayagraj Power Generation Company Ltd.

Vill.: Khan Semra,
Tehsil : Bara,
Dist.: Prayagraj
(Uttar Pradesh) [India]
Pin Code - 212107]

Report No. : MSKGL/ED/2023-24/004778
Date : 15/02/2024
Job No. : ED/WAT/KAT-2023/00025
Sample No. : MSKGL/ED/2023-24/01/00518
Drawn/Submitted on : 15/01/2024
Reference No. & Date : 9200000102, Date - 24/05/2021

We hereby certify that the following sample drawn by us / submitted by the customer has been analyzed with the followingresults:

1. Description of sample (As declared by customer)	Ground Water
2. Sample Mark (if any, given by the customer)	**HP-3 JORVAT VILLAGE**
3. Date of sampling	15/01/2024

Report No. : MSKGL/ED/2023-24/004778 **Sample No. :** MSKGL/ED/2023-24/01/00518

ANALYSIS RESULT

Chemical

Sl No.	Test Parameters	Unit	Test Method	Desirable Limit	Permissible	Result
1	Alkalinity (as CaCO3)	mg/l	APHA (24th Edition), 2320B	200	600	192
2	Aluminium (as Al)	mg/l	APHA (24th Edition), 3120 B	0.03	0.2	BDL(DL:0.01)
3	Anionic Detergents (as MBAS)	mg/l	APHA (24th Edition), 5540 C	0.2	1.0	BDL(DL:0.02)
4	Arsenic(as As)	mg/l	APHA (24th Edition), 3120 B	0.01	0.05	BDL(DL:0.005)
5	Barium (as Ba)	mg/l	APHA (24th Edition),3120 B	0.7	No Relaxation	BDL(DL:0.05)
6	Boron (as B)	mg/l	APHA (24th Edition) ,4500 - B C	0.5	1.0	BDL(DL:0.50)
7	Cadmium (as Cd)	mg/l	APHA (24th Edition), 3120 B	0.003	No Relaxation	BDL(DL:0.001)
8	Calcium (as Ca)	mg/l	APHA (24th Edition), 3500 Ca B	75	200	69
9	Chloride (as Cl)	mg/l	APHA (24th Edition) 4500 -Cl B	250	1000	154
10	Colour	Hazen	APHA (24th Edition), 2120B	5	15	BDL(DL:5.0)
11	Copper (as Cu)	mg/l	APHA (24th Edition), 3120 B	0.05	1.5	BDL(DL:0.02)
12	Cyanide (as CN)	mg/l	APHA (24th Edition), 4500 CN - F	0.05	No Relaxation	BDL(DL:0.02)
13	Fluoride (as F)	mg/l	APHA (24th Edition), 4500 F- C/D	1.0	1.5	0.77
14	Free Residual Chlorine	mg/l	IS 3025 (Part 26)-1986 Rffm:2014_(O)	0.2	1.0	BDL(DL:0.10)
15	Hexavalent Chromium (as Cr+6)	mg/l	APHA (24th Edition), 3500 Cr B			BDL(DL:0.05)
16	Iron (as Fe)	mg/l	APHA (24th Edition), 3500 Fe B	0.3	No Relaxation	0.09

* *This results relate only to the item(s) tested.*

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Email : info@mitrask.com Website : www.mitrask.com

Report No. : MSKGL/ED/2023-24/004778 Sample No. : MSKGL/ED/2023-24/01/00518

ANALYSIS RESULT

Chemical

No.	Test Parameters	Unit	Test Method	Desirable Limit	Permissible	Result
17	Lead (as Pb)	mg/l	APHA (24th Edition), 3120 B	0.01	No Relaxation	BDL(DL:0.005)
18	Magnesium (as Mg)	mg/l	APHA (24th Edition), 3500 Mg B	30	100	16
19	Manganese (as Mn)	mg/l	APHA (24th Edition), 3120 B	0.1	0.3	BDL(DL:0.02)
20	Mercury (as Hg)	mg/l	IS 3025 (Part 48): 1994	0.001	No Relaxation	BDL(DL:0.001)
21	Molybdenum (as Mo)	mg/l	APHA (24th Edition),3120 B	0.07	No Relaxation	BDL(DL:0.05)
22	Nickel (as Ni)	mg/l	APHA (24th Edition), 3120 B	0.02	No Relaxation	BDL(DL:0.02)
23	Nitrate (as NO3)	mg/l	APHA (24th Edition), 4500 NO3-E	45	No Relaxation	32
24	Odour	None	APHA (24th Edition), 2150B	Agreeable	Agreeable	AGREEABLE
25	Phenolic Compounds (as C6H5OH)	mg/l	APHA (24th Edition), 5530C (Chloroform Extraction)	0.001	0.002	BDL(DL:0.001)
26	Selenium (as Se)	mg/l	APHA (24th Edition)3120 B	0.01	No Relaxation	BDL(DL:0.005)
27	Sulphate (as SO4)	mg/l	APHA (24th Edition), 4500 SO42-E	200	400	63
28	Taste	None	IS 3025 (Part 8)-1983 Rffm:2012_(O)			NOT DONE
29	Total Dissolved Solids (as TDS)	mg/l	APHA (24th Edition), 2540C	500	2000	419
30	Total Hardness (as CaCO3)	mg/l	APHA (24th Edition), 2340 C	200	600	180
31	Turbidity	N.T.U.	APHA (24th Edition), 2130B	1	5	1.5
32	Zinc (as Zn)	mg/l	APHA (24th Edition), 3120 B	5	15	BDL(DL:0.02)
33	pH value	None	APHA 24th Edition, 2023 4500-H+B	6.5-8.5	No Relaxation	7.76 AT 25 DEGREE C

Micro Biology

Sl No.	Test Parameters	Unit	Test Method	Desirable Limit	Permissible	Result
34	E.coli	/100ml	APHA 23rd Edition 9221 F_(O)		NA	Not Detected
35	Total coliform	MPN/100ml	APHA 23rd Edition 9221 B_(O)		NA	94

DL : Detection Limit ***BDL : Below Detection Limit***

Opinion :

Report Verified By

For Mitra S. K. Private Limited

Authorised Signatory

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Mitra S. K. Private Limited

TESTING & INSPECTION

TEST REPORT

Name & Address of Customer :

Prayagraj Power Generation Company Ltd.

Vill.: Khan Semra,
Tehsil : Bara,
Dist.: Prayagraj
(Uttar Pradesh) [India]
(Pin Code - 212107)

Report No. : MSKGL/ED/2023-24/004076
Date : 06/01/2024
Job No. : ED/WAT/KAT-2023/00024
Sample No. : MSKGL/ED/2023-24/12/01702
Drawn/Submitted on : 27/12/2023
Reference No. & Date : 9200000102, Date - 24/05/2021

We hereby certify that the following sample drawn by us / submitted by the customer has been analyzed with the followingresults:

1. Description of sample (As declared by customer)	Ground Water
2. Sample Mark (if any, given by the customer)	HP-2 KAPARI PANCHAYAT BHAWAN
3. Date of sampling	27/12/2023

Report No. : MSKGL/ED/2023-24/004076 **Sample No. :** MSKGL/ED/2023-24/12/01702

ANALYSIS RESULT

Chemical

Sl No.	Test Parameters	Unit	Test Method	Desirable Limit	Permissible	Result
1	Alkalinity (as CaCO3)	mg/l	APHA (23rd Edition) 2320B 2017	200	600	193
2	Aluminium (as Al)	mg/l	APHA (23rd Edition)3120B 2017 (ICP OES)	0.03	0.2	<0.01
3	Anionic Detergents (as MBAS)	mg/l	APHA (23rd Edition)5540 C,2017	0.2	1.0	<0.02
4	Arsenic(as As)	mg/l	APHA (23rd Edition)3120B 2017 (ICP OES)	0.01	0.05	<0.005
5	Barium (as Ba)	mg/l	APHA (23rd Edition)3120B 2017 (ICP OES)	0.7	No Relaxation	<0.05
6	Boron (as B)	mg/l	APHA (23rd Edition)3120B 2017 (ICP OES)	0.5	1.0	<0.5
7	Cadmium (as Cd)	mg/l	APHA (23rd Edition)3120B 2017	0.003	No Relaxation	<0.001
8	Calcium (as Ca)	mg/l	APHA (23rd Edition) 3500 Ca B,2017	75	200	46
9	Chloride (as Cl)	mg/l	APHA (23rd Edition)4500-Cl B 2017	250	1000	128
10	Copper (as Cu)	mg/l	APHA (23rd Edition)3120B 2017 (ICP OES)	0.05	1.5	<0.02
11	Cyanide (as CN)	mg/l	APHA (23rd Edition)4500 CN- E 2017	0.05	No Relaxation	<0.01
12	Fluoride (as F)	mg/l	APHA (23rd Edition)4500 - F C/D, 2017	1.0	1.5	0.39
13	Free Residual Chlorine	mg/l	IS 3025 (Part 26)-1986 Rffm:2014	0.2	1.0	<0.1
14	Hexavalent Chromium (as Cr+6)	mg/l	APHA 23rd Edtn-2017, 3500 Cr B			<0.01
15	Iron (as Fe)	mg/l	APHA (23rd Edition)3500 Fe B 2017	0.3	No Relaxation	0.27
16	Lead (as Pb)	mg/l	APHA (23rd Edition)3120B 2017	0.01	No Relaxation	<0.005

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Email : info@mitrask.com Website : www.mitrask.com

Report No. : MSKGL/ED/2023-24/004076 Sample No. : MSKGL/ED/2023-24/12/01702

ANALYSIS RESULT

Chemical

Sl No.	Test Parameters	Unit	Test Method	Desirable Limit	Permissible	Result
17	Magnesium (as Mg)	mg/l	APHA (23rd Edition) 3500 Mg B,2017	30	100	19
18	Manganese (as Mn)	mg/l	APHA (23rd Edition)3120B 2017 (ICP OES)	0.1	0.3	<0.02
19	Mercury (as Hg)	mg/l	IS 3025(Part 48)-1994; Rffm:2014	0.001	No Relaxation	<0.001
20	Molybdenum (as Mo)	mg/l	APHA (23rd Edition)3120B 2017	0.07	No Relaxation	<0.05
21	Nickel (as Ni)	mg/l	APHA (23rd Edition)3120B 2017	0.02	No Relaxation	<0.02
22	Nitrate (as NO3)	mg/l	APHA (23rd Edition) 4500- NO3-E, 2017	45	No Relaxation	26
23	Phenolic Compounds (as C6H5OH)	mg/l	APHA (23rd Edition)5530C 2017 (Chloroform Extraction)	0.001	0.002	<0.001
24	Selenium (as Se)	mg/l	APHA (23rd Edition)3120B 2017	0.01	No Relaxation	<0.005
25	Sulphate (as SO4)	mg/l	APHA (23rd Edition) 4500-SO4 E 2017	200	400	114
26	Total Hardness (as CaCO3)	mg/l	APHA (23rd Edition) 2340 C 2017	200	600	151
27	Zinc (as Zn)	mg/l	APHA (23rd Edition)3120B 2017	5	15	<0.02
28	Colour	Hazen	APHA (23rd Edition) 2120B 2017	5	15	<1.0
29	Odour	None	APHA(23rd Edition)2150B	Agreeable	Agreeable	Agreeable
30	Taste	None	IS 3025 (Part 8)-1983 Rffm:2012			Not Done
31	Total Dissolved Solids (as TDS)	mg/l	APHA (23rd Edition) 2540C	500	2000	236
32	Turbidity	N.T.U.	APHA (23rd Edition) 2130B	1	5	3.6
33	pH	None	APHA(23rd Edition) 4500-H-B	6.5-8.5	No Relaxation	7.24 at 25 deg C

Micro Biology

Sl No.	Test Parameters	Unit	Test Method	Desirable Limit	Permissible	Result
34	E.coli	/100ml	IS 1622 : 1981 (RA 2019)		NA	Not Detected
35	Total coliform bacteria	MPN/100ml	IS 1622 : 1981 (RA 2019)		NA	<2

DL : Detection Limit ***BDL : Below Detection Limit***

Opinion :

Report Verified By

For Mitra S. K. Private Limited

Authorised Signatory

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TESTING • INSPECTION

TEST REPORT

Name & Address of Customer :

Prayagraj Power Generation Company Ltd.

Vill.: Khan Semra,
Tehsil : Bara,
Dist.: Prayagraj
(Uttar Pradesh) (India)
(Pin Code - 212107)

Report No. : MSKGL/ED/2023-24/004082
Date : 06/01/2024
Job No. : ED/WAT/KAT-2023/00024
Sample No. : MSKGL/ED/2023-24/12/01703
Drawn/Submitted on : 27/12/2023
Reference No. & Date : 9200000102, Date - 24/05/2021

We hereby certify that the following sample drawn by us / submitted by the customer has been analyzed with the followingresults

1. Description of sample (As declared by customer)	Ground Water
2. Sample Mark (if any, given by the customer)	HP-3 JORVAT VILLAGE
. Date of sampling	27/12/2023

Report No. : MSKGL/ED/2023-24/004082 **Sample No. :** MSKGL/ED/2023-24/12/01703

ANALYSIS RESULT

Chemical

Sl No.	Test Parameters	Unit	Test Method	Desirable Limit	Permissible	Result
1	Alkalinity (as CaCO3)	mg/l	APHA (23rd Edition) 2320B 2017	200	600	138
2	Aluminium (as Al)	mg/l	APHA (23rd Edition)3120B 2017 (ICP OES)	0.03	0.2	<0.01
3	Anionic Detergents (as MBAS)	mg/l	APHA (23rd Edition)5540 C,2017	0.2	1.0	<0.02
4	Arsenic(as As)	mg/l	APHA (23rd Edition)3120B 2017 (ICP OES)	0.01	0.05	<0.005
5	Barium (as Ba)	mg/l	APHA (23rd Edition)3120B 2017 (ICP OES)	0.7	No Relaxation	<0.05
6	Boron (as B)	mg/l	APHA (23rd Edition)3120B 2017 (ICP OES)	0.5	1.0	<0.5
7	Cadmium (as Cd)	mg/l	APHA (23rd Edition)3120B 2017	0.003	No Relaxation	<0.001
8	Calcium (as Ca)	mg/l	APHA (23rd Edition) 3500 Ca B,2017	75	200	51
9	Chloride (as Cl)	mg/l	APHA (23rd Edition)4500-Cl B 2017	250	1000	167
10	Copper (as Cu)	mg/l	APHA (23rd Edition)3120B 2017 (ICP OES)	0.05	1.5	<0.02
11	Cyanide (as CN)	mg/l	APHA (23rd Edition)4500 CN- F 2017	0.05	No Relaxation	<0.01
12	Fluoride (as F)	mg/l	APHA (23rd Edition)4500 - F C/D, 2017	1.0	1.5	0.77
13	Free Residual Chlorine	mg/l	IS 3025 (Part 26)-1986 Rflm:2014	0.2	1.0	<0.1
14	Hexavalent Chromium (as Cr+6)	mg/l	APHA 23rd Edtn-2017, 3500 Cr B			<0.01
15	Iron (as Fe)	mg/l	APHA (23rd Edition)3500 Fe B 2017	0.3	No Relaxation	0.17
16	Lead (as Pb)	mg/l	APHA (23rd Edition)3120B 2017	0.01	No Relaxation	<0.005

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Email : info@mitrask.com Website : www.mitrask.com

Report No. : MSKGL/ED/2023-24/004082 Sample No. : MSKGL/ED/2023-24/12/01703

ANALYSIS RESULT

Chemical

Sl No.	Test Parameters	Unit	Test Method	Desirable Limit	Permissible	Result
17	Magnesium (as Mg)	mg/l	APHA (23rd Edition) 3500 Mg B,2017	30	100	22
18	Manganese (as Mn)	mg/l	APHA (23rd Edition)3120B 2017 (ICP OES)	0.1	0.3	<0.02
19	Mercury (as Hg)	mg/l	IS 3025(Part 48)-1994; Rffm:2014	0.001	No Relaxation	<0.001
20	Molybdenum (as Mo)	mg/l	APHA (23rd Edition)3120B 2017	0.07	No Relaxation	<0.05
21	Nickel (as Ni)	mg/l	APHA (23rd Edition)3120B 2017	0.02	No Relaxation	<0.02
22	Nitrate (as NO3)	mg/l	APHA (23rd Edition) 4500- NO3-E, 2017	45	No Relaxation	34
23	Phenolic Compounds (as C6H5OH)	mg/l	APHA (23rd Edition)5530C 2017 (Chloroform Extraction)	0.001	0.002	<0.001
24	Selenium (as Se)	mg/l	APHA (23rd Edition)3120B 2017	0.01	No Relaxation	<0.005
25	Sulphate (as SO4)	mg/l	APHA (23rd Edition) 4500-SO4 E 2017	200	400	86
26	Total Hardness (as CaCO3)	mg/l	APHA (23rd Edition) 2340 C 2017	200	600	173
27	Zinc (as Zn)	mg/l	APHA (23rd Edition)3120B 2017	5	15	<0.02
28	Colour	Hazen	APHA (23rd Edition) 2120B 2017	5	15	<1.0
29	Odour	None	APHA(23rd Edition)2150B	Agreeable	Agreeable	Agreeable
30	Taste	None	IS 3025 (Part 8)-1983 Rffm:2012			Not Done
31	Total Dissolved Solids (as TDS)	mg/l	APHA (23rd Edition) 2540C	500	2000	309
32	Turbidity	N.T.U.	APHA (23rd Edition) 2130B	1	5	<1.0
33	pH	None	APHA(23rd Edition) 4500-H-B	6.5-8.5	No Relaxation	7.34 at 25 deg C

Micro Biology

Sl No.	Test Parameters	Unit	Test Method	Desirable Limit	Permissible	Result
34	E.coli	/100ml	IS 1622 : 1981 (RA 2019)		NA	Not Detected
35	Total coliform bacteria	MPN/100ml	IS 1622 : 1981 (RA 2019)		NA	<1.8

DL : Detection Limit ***BDL : Below Detection Limit***

Opinion :

Report Verified By

For Mitra S. K. Private Limited

Authorised Signatory

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TEST REPORT

ne & Address of Customer :

yagraj Power Generation Company Ltd.

Khan Semra,
il : Bara,
Prayagraj
ar Pradesh) [India]
Code - 212107]

Report No. : MSKGL/ED/2023-24/003640
Date : 13/12/2023
Job No. : ED/WAT/KAT-2023/00030
Sample No. : MSKGL/ED/2023-24/11/00825
Drawn/Submitted on : 26/11/2023
Reference No. & Date : 9200000102, Date - 24/05/2021

hereby certify that the following sample drawn by us / submitted by the customer has been analyzed with the followingresults:

Description of sample (As declared by customer)	Ground Water
San : Mark (if any, given by the customer)	**HP-6 JORVAT VILLAGE**
Date of sampling	26/11/2023

eport No. : MSKGL/ED/2023-24/003640 **Sample No. :** MSKGL/ED/2023-24/11/00825

ANALYSIS RESULT

emical

No.	Test Parameters	Unit	Test Method	Desirable Limit	Permissible	Result
1	Alkalinity (as CaCO3)	mg/l	APHA (23rd Edition) 2320B 2017_(O)	200	600	166
2	Aluminium (as Al)	mg/l	APHA (23rd Edition)3120B 2017 (ICP OES)_(O)	0.03	0.2	BDL(DL:0.01)
3	Anionic Detergents (as MBAS)	mg/l	APHA (23rd Edition)5540 C,2017_(O)	0.2	1.0	BDL(DL:0.02)
4	Arsenic(as As)	mg/l	APHA (23rd Edition)3120B 2017 (ICP OES)_(O)	0.01	0.05	BDL(DL:0.005)
5	Barium (as Ba)	mg/l	APHA (23rd Edition)3120B 2017 (ICP OES)_(O)	0.7	No Relaxation	BDL(DL:0.05)
6	Boron (as B)	mg/l	APHA (23 rd Edition)2540C_(O)	0.5	1.0	BDL(DL:0.5)
7	Cadmium (as Cd)	mg/l	APHA (23rd Edition)3120B 2017_(O)	0.003	No Relaxation	BDL(DL:0.001)
8	Calcium (as Ca)	mg/l	APHA (23rd Edition) 3500 Ca B,2017_(O)	75	200	5.0
9	Chloride (as Cl)	mg/l	APHA (23rd Edition)4500-Cl B 2017_(O)	250	1000	158
10	Copper (as Cu)	mg/l	APHA (23rd Edition)3120B 2017 (ICP OES)_(O)	0.05	1.5	BDL(DL:0.02)
11	Cyanide (as CN)	mg/l	APHA (23rd Edition)4500 CN- F 2017_(O)	0.05	No Relaxation	BDL(DL:0.02)
12	Fluoride (as F)	mg/l	APHA (23rd Edition)4500 - F C/D, 2017_(O)	1.0	1.5	0.61
13	Free Residual Chlorine	mg/l	IS 3025 (Part 26)-1986 Rffm:2014_(O)	0.2	1.0	BDL(DL:0.1)
14	Hexavalent Chromium (as Cr+6)	mg/l	APHA 23rd Edtn-2017, 3500 Cr B_(O)			BDL(DL:0.01)
15	Iron (as Fe)	mg/l	APHA (23rd Edition)3500 Fe B 2017_(O)	0.3	No Relaxation	BDL(DL:0.05)
16	Lead (as Pb)	mg/l	APHA (23rd Edition)3120B 2017_(O)	0.01	No Relaxation	BDL(DL:0.005)

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port No. : MSKGL/ED/2023-24/003640 Sample No. : MSKGL/ED/2023-24/11/00825

ANALYSIS RESULT

emical

No.	Test Parameters	Unit	Test Method	Desirable Limit	Permissible	Result
17	Magnesium (as Mg)	mg/l	APHA (23rd Edition) 3500 Mg B,2017_(O)	30	100	22
18	Manganese (as Mn)	mg/l	APHA (23rd Edition)3120B 2017 (ICP OES)_(O)	0.1	0.3	BDL(DL:0.02)
19	Mercury (as Hg)	mg/l	IS 3025(Part 48)-1994; Rffm:2014_(O)	0.001	No Relaxation	BDL(DL:0.001)
20	Molybdenum (as Mo)	mg/l	APHA (23rd Edition)3120B 2017_(O)	0.07	No Relaxation	BDL(DL:0.05)
21	Nickel (as Ni)	mg/l	APHA (23rd Edition)3120B 2017_(O)	0.02	No Relaxation	BDL(DL:0.02)
22	Nitrate (as NO3)	mg/l	APHA (23rd Edition) 4500- NO3-E, 2017_(O)	45	No Relaxation	4.9
23	Phenolic Compounds (as C6H5OH)	mg/l	APHA (23rd Edition)5530C 2017 (Chloroform Extraction)_(O)	0.001	0.002	BDL(DL:0.001)
24	Selenium (as Se)	mg/l	APHA (23rd Edition)3120B 2017_(O)	0.01	No Relaxation	BDL(DL:0.005)
25	Sulphate (as SO4)	mg/l	APHA (23rd Edition) 4500-SO4 E 2017_(O)	200	400	71
26	Total Hardness (as CaCO3)	mg/l	APHA (23rd Edition) 2340 C 2017_(O)	200	600	190
27	Zinc (as Zn)	mg/l	APHA (23rd Edition)3120B 2017_(O)	5	15	BDL(DL:0.02)
28	Colour	Hazen	APHA (23rd Edition) 2120B 2017_(O)	5	15	BDL(DL:5.0)
29	Odour	None	APHA(23rd Edition)2150B_(O)	Agreeable	Agreeable	Agreeable
30	Taste	None	IS 3025 (Part 8)-1983 Rffm:2012_(O)			Not Done
31	Total Dissolved Solids (as TDS)	mg/l	APHA (23rd Edition) 2540C_(O)	500	2000	447
32	Turbidity	N.T.U.	APHA (23rd Edition) 2130B_(O)	1	5	1
33	pH	None	APHA(23rd Edition) 4500-H-B_(O)	6.5-8.5	No Relaxation	7.37 at 25 deg C

icro Biology

No.	Test Parameters	Unit	Test Method	Desirable Limit	Permissible	Result
34	E.coli	/100ml	APHA 23rd Edition 9221 F_(O)		NA	Not Detected
35	Total coliform	MPN/100ml	APHA 23rd Edition 9221 B (O)		NA	<1.8

L : Detection Limit BDL : Below Detection Limit

pinion :

Report Verified By

For Mitra S. K. Private Limited

Authorised Signatory

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TEST REPORT

& Address of Customer :	Report No. : MSKGL/ED/2023-24/003636
graj Power Generation Company Ltd.	Date : 13/12/2023
an Semra, Bara, ayagraj radesh) (India) de - 212107)	Job No. : ED/WAT/KAT-2023/00020
	Sample No. : MSKGL/ED/2023-24/11/00821
	Drawn/Submitted on : 26/11/2023
	Reference No. & Date : 9200000102, Date - 24/05/2021

reby certify that the following sample drawn by us / submitted by the customer has been analyzed with the followingresults:

cription of sample (As declared by customer)	Ground Water
mple Mark (if any, given by the customer)	HP-2 KAPARI PANCHAYAT BHAWAN
e of sampling	26/11/2023

t No. : MSKGL/ED/2023-24/003636 Sample No. : MSKGL/ED/2023-24/11/00821

ANALYSIS RESULT

ical

Test Parameters	Unit	Test Method	Desirable Limit	Permissible	Result
Alkalinity (as CaCO3)	mg/l	APHA (23rd Edition) 2320B 2017_(O)	200	600	196
Aluminium (as Al)	mg/l	APHA (23rd Edition)3120B 2017 (ICP OES)_(O)	0.03	0.2	BDL(DL:0.01)
Anionic Detergents (as MBAS)	mg/l	APHA (23rd Edition)5540 C,2017_(O)	0.2	1.0	BDL(DL:0.02)
Arsenic(as As)	mg/l	APHA (23rd Edition)3120B 2017 (ICP OES)_(O)	0.01	0.05	BDL(DL:0.005)
Barium (as Ba)	mg/l	APHA (23rd Edition)3120B 2017 (ICP OES)_(O)	0.7	No Relaxation	BDL(DL:0.05)
Boron (as B)	mg/l	APHA (23 rd Edition)2540C_(O)	0.5	1.0	BDL(DL:0.5)
Cadmium (as Cd)	mg/l	APHA (23rd Edition)3120B 2017_(O)	0.003	No Relaxation	BDL(DL:0.001)
Calcium (as Ca)	mg/l	APHA (23rd Edition) 3500 Ca B,2017_(O)	75	200	21
Chloride (as Cl)	mg/l	APHA (23rd Edition)4500-Cl B 2017_(O)	250	1000	176
Copper (as Cu)	mg/l	APHA (23rd Edition)3120B 2017 (ICP OES)_(O)	0.05	1.5	BDL(DL:0.02)
Cyanide (as CN)	mg/l	APHA (23rd Edition)4500 CN- F 2017_(O)	0.05	No Relaxation	BDL(DL:0.02)
Fluoride (as F)	mg/l	APHA (23rd Edition)4500 - F C/D, 2017_(O)	1.0	1.5	0.54
Free Residual Chlorine	mg/l	IS 3025 (Part 26)-1986 Rffm:2014_(O)	0.2	1.0	BDL(DL:0.1)
Hexavalent Chromium (as Cr+6)	mg/l	APHA 23rd Edtn-2017, 3500 Cr B_(O)			BDL(DL:0.01)
Iron (as Fe)	mg/l	APHA (23rd Edition)3500 Fe B 2017_(O)	0.3	No Relaxation	0.20
Lead (as Pb)	mg/l	APHA (23rd Edition)3120B 2017_(O)	0.01	No Relaxation	BDL(DL:0.005)

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t No. : MSKGL/ED/2023-24/003636 Sample No. : MSKGL/ED/2023-24/11/00821

ANALYSIS RESULT

cal

Test Parameters	Unit	Test Method	Desirable Limit	Permissible	Result
Magnesium (as Mg)	mg/l	APHA (23rd Edition) 3500 Mg B 2017_(O)	30	100	24
Manganese (as Mn)	mg/l	APHA (23rd Edition)3120B 2017 (ICP OES)_(O)	0.1	0.3	BDL(DL:0.02)
Mercury (as Hg)	mg/l	IS 3025(Part 48)-1994; Rffm:2014_(O)	0.001	No Relaxation	BDL(DL:0.001)
Molybdenum (as Mo)	mg/l	APHA (23rd Edition)3120B 2017_(O)	0.07	No Relaxation	BDL(DL:0.05)
Nickel (as Ni)	mg/l	APHA (23rd Edition)3120B 2017_(O)	0.02	No Relaxation	BDL(DL:0.02)
Nitrate (as NO3)	mg/l	APHA (23rd Edition) 4500- NO3-E, 2017_(O)	45	No Relaxation	11
Phenolic Compounds (as C6H5OH)	mg/l	APHA (23rd Edition)5530C 2017 (Chloroform Extraction)_(O)	0.001	0.002	BDL(DL:0.001)
Selenium (as Se)	mg/l	APHA (23rd Edition)3120B 2017_(O)	0.01	No Relaxation	BDL(DL:0.005)
Sulphate (as SO4)	mg/l	APHA (23rd Edition) 4500-SO4 E 2017_(O)	200	400	57
Total Hardness (as CaCO3)	mg/l	APHA (23rd Edition) 2340 C 2017_(O)	200	600	174
Zinc (as Zn)	mg/l	APHA (23rd Edition)3120B 2017_(O)	5	15	BDL(DL:0.02)
Colour	Hazen	APHA (23rd Edition) 2120B 2017_(O)	5	15	BDL(DL:5.0)
Odour	None	APHA(23rd Edition)2150B_(O)	Agreeable	Agreeable	Agreeable
Taste	None	IS 3025 (Part 8)-1983 Rffm:2012_(O)			Not Done
Total Dissolved Solids (as TDS)	mg/l	APHA (23rd Edition) 2540C_(O)	500	2000	364
Turbidity	N.T.U.	APHA (23rd Edition) 2130B_(O)	1	5	3.8
pH	None	APHA(23rd Edition) 4500-H-B_(O)	6.5-8.5	No Relaxation	7.85 at 25 deg C

Biology

Test Parameters	Unit	Test Method	Desirable Limit	Permissible	Result
E.coli	/100ml	APHA 23rd Edition 9221 F_(O)		NA	Not Detected
Total coliform	MPN/100ml	APHA 23rd Edition 9221 B (O)		NA	<1.8

tection Limit *BDL : Below Detection Limit*

n :

Report Verified By

For Mitra S. K. Private Limited

Authorised Signatory

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Centre (5th Floor), 74B, A.J.C. Bose Road, Kolkata-700016, West Bengal, India.
33 40143000 / 22650007 Fax : 91 33 22650008
nfo@mitrask.com Website : www.mitrask.com

TEST REPORT

Name & Address of Customer :

Prayagraj Power Generation Company Ltd.

Vill.: Khan Semra,
Tehsil : Bara,
Dist.: Prayagraj
(Uttar Pradesh) [India]
(Pin Code - 212107)

Report No. :	MSKGL/ED/2023-24/002654
Date :	27/10/2023
Job No. :	ED/WAT/KAT-2023/00019
Sample No. :	MSKGL/ED/2023-24/10/01251
Drawn/Submitted on :	10/10/2023
Reference No. & Date :	9200000102, Date - 24/05/2021

We hereby certify that the following sample drawn by us / submitted by the customer has been analyzed with the followingresults

1. Description of sample (As declared by customer)	Ground Water
2. Sample Mark (if any, given by the customer)	HP-2 KAPARI PANCHAYAT BHAWAN
3. Date of sampling	10/10/2023

Report No. : MSKGL/ED/2023-24/002654 **Sample No. :** MSKGL/ED/2023-24/10/01251

ANALYSIS RESULT

Chemical

Sl No.	Test Parameters	Unit	Test Method	Desirable Limit	Permissible	Result
1	Colour	Hazen	APHA (23rd Edition) 2120B : 2017	5	15	<1.0
2	Odour	None	APHA (23rd Edition) 2150B : 2017	Agreeable	Agreeable	Agreeable
3	pH value	None	APHA (23rd Edition) 4500 -H-B : 2017	6.5-8.5	No Relaxation	7.23 at 25 deg C
4	Turbidity	N.T.U.	APHA (23rd Edition) 2130B : 2017	1	5	2.2
5	Total Dissolved Solids (as TDS)	mg/l	APHA 23ND EDITION, 2540 C_(O)	500	2000	276
6	Aluminium (as Al)	mg/l	APHA (23rd Edition)3120 B : 2017	0.03	0.2	<0.01
7	Anionic Detergents (as MBAS)	mg/l	APHA (23rd Edition)5540 C,2017_(O)	0.2	1.0	<0.02
8	Barium (as Ba)	mg/l	APHA (23rd Edition)3120B 2017 (ICP OES)_(O)	0.7	No Relaxation	<0.05
9	Boron (as B)	mg/l	APHA (23 rd Edition)2540C_(O)	0.5	1.0	<0.5
10	Calcium (as Ca)	mg/l	APHA (23rd Edition) 3500 Ca B,2017_(O)	75	200	51
11	Chloride (as Cl)	mg/l	APHA (23rd Edition) 4500-Cl B 2017_(O)	250	1000	77
12	Copper (as Cu)	mg/l	APHA (23rd Edition) 3120 B : 2017	0.05	1.5	<0.02
13	Fluoride (as F)	mg/l	APHA (23rd Edition)4500 - F C/D, 2017_(O)	1.0	1.5	0.69
14	Free Residual Chlorine	mg/l	IS 3025 (Part 26)-1986 Rtfm:2014_(O)	0.2	1.0	<0.1
15	Iron (as Fe)	mg/l	APHA (23rd Edition) 3500 Fe B : 2017	0.3	No Relaxation	0.16
16	Magnesium (as Mg)	mg/l	APHA (23rd Edition) 3500 Mg B,2017_(O)	30	100	23

* *This results relate only to the item(s) tested.*
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Report No. : MSKGL/ED/2023-24/002654 Sample No. : MSKGL/ED/2023-24/10/01251

ANALYSIS RESULT

Chemical

Sl No.	Test Parameters	Unit	Test Method	Desirable Limit	Permissible	Result
17	Manganese (as Mn)	mg/l	APHA (23rd Edition) 3120 B : 2017	0.1	0.3	<0.02
18	Nitrate (as NO3)	mg/l	APHA (23rd Edition) 4500 - NO3 - E : 2017	45	No Relaxation	38
19	Phenolic Compounds (as C6H5OH)	mg/l	APHA (23rd Edition) 5530C : 2017	0.001	0.002	<0.001
20	Selenium (as Se)	mg/l	APHA (23rd Edition)3120B 2017_(O)	0.01	No Relaxation	<0.005
21	Sulphate (as SO4)	mg/l	APHA (23rd Edition) 4500 - SO42- E : 2017	200	400	64
22	Alkalinity (as CaCO3)	mg/l	APHA (23rd Edition) 2320B 2017_(O)	200	600	185
23	Total Hardness (as CaCO3)	mg/l	APHA (23rd Edition) 2340 C 2017_(O)	200	600	109
24	Cadmium (as Cd)	mg/l	APHA (23rd Edition)3120B 2017_(O)	0.003	No Relaxation	<0.001
25	Cyanide (as CN)	mg/l	APHA (23rd Edition) 4500 -CN- F: 2017	0.05	No Relaxation	<0.01
26	Lead (as Pb)	mg/l	APHA (23rd Edition)3120B 2017_(O)	0.01	No Relaxation	<0.005
27	Mercury (as Hg)	mg/l	IS 3025 (Part 48): 1994	0.001	No Relaxation	<0.001
28	Molybdenum (as Mo)	mg/l	APHA (23rd Edition)3120B 2017_(O)	0.07	No Relaxation	<0.05
29	Nickel (as Ni)	mg/l	APHA (23rd Edition)3120B 2017_(O)	0.02	No Relaxation	<0.02
30	Arsenic(as As)	mg/l	APHA (23rd Edition)3120B 2017 (ICP OES)_(O)	0.01	0.05	<0.005
31	Taste	None	IS 3025 (Part 8)-1983 Rffm:2012_(O)			
32	Zinc (as Zn)	mg/l	APHA (23rd Edition)3120B 2017_(O)	5	15	<0.02
33	Hexavalent Chromium (as Cr+6)	mg/l	APHA (23rd Edition) 3500 Cr B : 2017			<0.01

Micro Biology

Sl No.	Test Parameters	Unit	Test Method	Desirable Limit	Permissible	Result
34	E.coli	/100ml	APHA 23rd Edition 9221 F_(O)		NA	Not Detected
35	Total coliform	MPN/100ml	APHA 23rd Edition 9221 B_(O)		NA	<2

DL : Detection Limit BDL : Below Detection Limit

Opinion :

Report Verified By

For Mitra S. K. Private Limited

Authorised Signatory

* *This results relate only to the item(s) tested.*

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TEST REPORT

Name & Address of Customer :

Prayagraj Power Generation Company Ltd.

Vill.: Khan Semra,
Tehsil : Bara,
Dist.: Prayagraj
(Uttar Pradesh) [India]
(Pin Code - 212107)

Report No. : MSKGL/ED/2023-24/002658

Date : 27/10/2023

Job No. : ED/WAT/KAT-2023/00019

Sample No. : MSKGL/ED/2023-24/10/01252

Drawn/Submitted on : 10/10/2023

Reference No. & Date : 9200000102, Date - 24/05/2021

We hereby certify that the following sample drawn by us / submitted by the customer has been analyzed with the followingresults

1. Description of sample (As declared by customer)	Ground Water
2. Sample Mark (if any, given by the customer)	**HP-3 JORVAT VILLAGE**
3. Date of sampling	10/10/2023

Report No. : MSKGL/ED/2023-24/002658 **Sample No. :** MSKGL/ED/2023-24/10/01252

ANALYSIS RESULT

Chemical

Sl No.	Test Parameters	Unit	Test Method	Desirable Limit	Permissible	Result
1	Colour	Hazen	APHA (23rd Edition) 2120B : 2017	5	15	<5.0
2	Odour	None	APHA (23rd Edition) 2150B : 2017	Agreeable	Agreeable	Agreeable
3	pH value	None	APHA (23rd Edition) 4500 -H-B : 2017	6.5-8.5	No Relaxation	7.28 at 25 deg C
4	Turbidity	N.T.U.	APHA (23rd Edition) 2130B : 2017	1	5	<1.0
5	Total Dissolved Solids (as TDS)	mg/l	APHA 23ND EDITION, 2540 C_(O)	500	2000	277
6	Aluminium (as Al)	mg/l	APHA (23rd Edition)3120 B : 2017	0.03	0.2	<0.01
7	Anionic Detergents (as MBAS)	mg/l	APHA (23rd Edition)5540 C,2017_(O)	0.2	1.0	<0.02
	Barium (as Ba)	mg/l	APHA (23rd Edition)3120B 2017 (ICP OES)_(O)	0.7	No Relaxation	<0.05
9	Boron (as B)	mg/l	APHA (23 rd Edition)2540C_(O)	0.5	1.0	<0.5
10	Calcium (as Ca)	mg/l	APHA (23rd Edition) 3500 Ca B,2017_(O)	75	200	42
11	Chloride (as Cl)	mg/l	APHA (23rd Edition) 4500-Cl B 2017_(O)	250	1000	115
12	Copper (as Cu)	mg/l	APHA (23rd Edition) 3120 B : 2017	0.05	1.5	<0.02
13	Fluoride (as F)	mg/l	APHA (23rd Edition)4500 - F C/D, 2017_(O)	1.0	1.5	0.81
14	Free Residual Chlorine	mg/l	IS 3025 (Part 26)-1986 Rffm:2014_(O)	0.2	1.0	<0.1
15	Iron (as Fe)	mg/l	APHA (23rd Edition) 3500 Fe B : 2017	0.3	No Relaxation	0.26
16	Magnesium (as Mg)	mg/l	APHA (23rd Edition) 3500 Mg B,2017_(O)	30	100	17

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Report No. : MSKGL/ED/2023-24/002658

Sample No. : MSKGL/ED/2023-24/10/01252

ANALYSIS RESULT

Chemical

Sl No.	Test Parameters	Unit	Test Method	Desirable Limit	Permissible	Result
17	Manganese (as Mn)	mg/l	APHA (23rd Edition) 3120 B : 2017	0.1	0.3	<0.02
18	Nitrate (as NO3)	mg/l	APHA (23rd Edition) 4500 - NO3 - E : 2017	45	No Relaxation	39
19	Phenolic Compounds (as C6H5OH)	mg/l	APHA (23rd Edition) 5530C : 2017	0.001	0.002	<0.001
20	Selenium (as Se)	mg/l	APHA (23rd Edition)3120B 2017_(O)	0.01	No Relaxation	<0.005
21	Sulphate (as SO4)	mg/l	APHA (23rd Edition) 4500 - SO42- E : 2017	200	400	130
22	Alkalinity (as CaCO3)	mg/l	APHA (23rd Edition) 2320B 2017_(O)	200	600	121
23	Total Hardness (as CaCO3)	mg/l	APHA (23rd Edition) 2340 C 2017_(O)	200	600	144
24	Cadmium (as Cd)	mg/l	APHA (23rd Edition)3120B 2017_(O)	0.003	No Relaxation	<0.001
25	Cyanide (as CN)	mg/l	APHA (23rd Edition) 4500 -CN- E: 2017	0.05	No Relaxation	<0.02
26	Lead (as Pb)	mg/l	APHA (23rd Edition)3120B 2017_(O)	0.01	No Relaxation	<0.005
27	Mercury (as Hg)	mg/l	IS 3025 (Part 48): 1994	0.001	No Relaxation	<0.001
28	Molybdenum (as Mo)	mg/l	APHA (23rd Edition)3120B 2017_(O)	0.07	No Relaxation	<0.05
29	Nickel (as Ni)	mg/l	APHA (23rd Edition)3120B 2017_(O)	0.02	No Relaxation	<0.02
30	Arsenic(as As)	mg/l	APHA (23rd Edition)3120B 2017 (ICP OES)_(O)	0.01	0.05	<0.005
31	Taste	None	IS 3025 (Part 8)-1983 Rffm:2012_(O)			
32	Zinc (as Zn)	mg/l	APHA (23rd Edition)3120B 2017_(O)	5	15	<0.03
33	Hexavalent Chromium (as Cr+6)	mg/l	APHA (23rd Edition) 3500 Cr B : 2017			<0.01

Micro Biology

Sl No.	Test Parameters	Unit	Test Method	Desirable Limit	Permissible	Result
34	E.coli	/100ml	APHA 23rd Edition 9221 F_(O)		NA	Not Detected
35	Total coliform	MPN/100ml	APHA 23rd Edition 9221 B_(O)		NA	<2

L : Detection Limit ***BDL : Below Detection Limit***

Opinion :

Report Verified By

For Mitra S. K. Private Limited

Authorised Signatory

* *This results relate only to the item(s) tested.*

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Annexure-5



Green belt development

Annexure-6

Mitra S. K. Private Limited

MSK TESTING + INSPECTION

TEST REPORT

Name & Address of Customer :

Prayagraj Power Generation Company Ltd.

Vill.: Khan Semra, Tehsil : Bara,
Dist.: Prayagraj
(Uttar Pradesh) [India]
(Pin Code - 212107)

Report No. : MSKGL/ED/2023-24/005697

Date : 28/03/2024

Sample No. : MSKGL/ED/2023-24/03/01054

Job No. : ED/AIR/KAT-2023/00029

Reference No. & Date : 9200000102, Date - 24/05/2021

We hereby certify that the following sample drawn by us / submitted by the customer has been analyzed with the following results:

1. Description of sample (As declared by customer)	NOISE
2. Sample Mark (if any, given by the customer)	TURBINE AREA
3. Date of sampling	18/03/2024

Report No. : MSKGL/ED/2023-24/005697 **Sample No. :** MSKGL/ED/2023-24/03/01054

ANALYSIS RESULT

Chemical

Sl No.	Test Parameters	Unit	Test Method	Result
1	Leq dB(A) day	dB(A)	IS 9989: 1981	67.3
2	Leq dB(A) night	dB(A)	IS 9989: 1981	59.1

DL : Detection Limit ***BDL : Below Detection Limit***

Opinion :

Report Verified By

For Mitra S. K. Private Limited

Authorised Signatory

- *This results relate only to the item(s) tested.*
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Shrachi Centre (5th Floor), 74B, A.J.C. Bose Road, Kolkata - 700016, West Bengal, India.
Tel. : 91 33 40143000 / 22650007 Fax : 91 33 22650008
Email : info@mitrask.com Website : www.mitrask.com

Mitra S. K. Private Limited

MSK TESTING & INSPECTION

TEST REPORT

Name & Address of Customer :

Prayagraj Power Generation Company Ltd.

Vill.: Khan Semra, Tehsil : Bara,
Dist.: Prayagraj
(Uttar Pradesh) [India]
(Pin Code - 212107)

Report No. : MSKGL/ED/2023-24/005262

Date : 03/03/2024

Sample No. : MSKGL/ED/2023-24/02/01237

Job No. : ED/AIR/KAT-2023/00028

Reference No. & Date : 9200000102, Date - 24/05/2021

We hereby certify that the following sample drawn by us / submitted by the customer has been analyzed with the following results:

1. Description of sample (As declared by customer)	NOISE
2. Sample Mark (if any, given by the customer)	**TURBINE AREA**
3. Date of sampling	26/02/2024

Report No. : MSKGL/ED/2023-24/005262 **Sample No. :** MSKGL/ED/2023-24/02/01237

ANALYSIS RESULT

Chemical

Sl No.	Test Parameters	Unit	Test Method	Result
1	Leq dB(A) day	dB(A)	IS 9989: 1981	70.6
2	Leq dB(A) night	dB(A)	IS 9989: 1981	62.8

DL : Detection Limit ***BDL : Below Detection Limit***

Opinion :

Report Verified By

For Mitra S. K. Private Limited

Authorised Signatory

- *This results relate only to the item(s) tested.*
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Shrachi Centre (5th Floor), 74B, A.J.C. Bose Road, Kolkata - 700016, West Bengal, India.
Tel. : 91 33 40143000 / 22650007 Fax : 91 33 22650008
Email : info@mitrask.com Website : www.mitrask.com

Mitra S. K. Private Limited

TESTING • INSPECTION

TEST REPORT

Name & Address of Customer :

Prayagraj Power Generation Company Ltd.

Vill.: Khan Semra, Tehsil : Bara,
Dist.: Prayagraj
(Uttar Pradesh) [India]
[Pin Code - 212107]

Report No. : MSKGL/ED/2023-24/004665
Date : 24/01/2024
Sample No. : MSKGL/ED/2023-24/01/01196
Job No. : ED/AIR/KAT-2023/00025
Reference No. & Date : 9200000102, Date - 24/05/2021

We hereby certify that the following sample drawn by us / submitted by the customer has been analyzed with the following results:

1. Description of sample (As declared by customer)	NOISE
2. Sample Mark (if any, given by the customer)	TURBINE AREA
3. Date of sampling	15/01/2024

Report No. : MSKGL/ED/2023-24/004665 **Sample No. :** MSKGL/ED/2023-24/01/01196

ANALYSIS RESULT

Chemical

Sl No.	Test Parameters	Unit	Test Method	Result
1	Leq dB(A) day	dB(A)	IS 9989: 1981	71.8
2	Leq dB(A) night	dB(A)	IS 9989: 1981	67.8

DL : Detection Limit ***BDL : Below Detection Limit***

Opinion :

Report Verified By

For Mitra S. K. Private Limited

Authorised Signatory

- *This results relate only to the item(s) tested.*
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Shrachi Centre (5th Floor), 74B, A.J.C. Bose Road, Kolkata - 700016, West Bengal, India.
Tel. : 91 33 40143000 / 22650007 Fax : 91 33 22650008
Email : info@mitrask.com Website : www.mitrask.com

TEST REPORT

Name & Address of Customer :

Prayagraj Power Generation Company Ltd.

Vill.: Khan Semra, Tehsil : Bara,
Dist.: Prayagraj
(Uttar Pradesh) [India]
(Pin Code - 212107)

Report No. : MSKGL/ED/2023-24/004045
Date : 02/01/2024
Sample No. : MSKGL/ED/2023-24/12/01709
Job No. : ED/AIR/KAT-2023/00021
Reference No. & Date : 9200000102, Date - 24/05/2021

We hereby certify that the following sample drawn by us / submitted by the customer has been analyzed with the following results:

1. Description of sample (As declared by customer)	NOISE
2. Sample Mark (If any, given by the customer)	TURBINE AREA
3. Date of sampling	26/12/2023

Report No. : MSKGL/ED/2023-24/004045 **Sample No. :** MSKGL/ED/2023-24/12/01709

ANALYSIS RESULT

Chemical

Sl No.	Test Parameters	Unit	Test Method	Result
1	Leq dB(A) day	dB(A)	IS 9989: 1981	71.9
2	Leq dB(A) night	dB(A)	IS 9989: 1981	63.7

DL : Detection Limit ***BDL : Below Detection Limit***

Opinion :

Report Verified By

For Mitra S. K. Private Limited

Authorised Signatory

* *This results relate only to the item(s) tested.*

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TEST REPORT

me & Address of Customer :

ıyagraj Power Generation Company Ltd.

: Khan Semra, Tehsil : Bara,
.: Prayagraj
ar Pradesh) [India]
Code - 212107)

Report No. : MSKGL/ED/2023-24/003664

Date : 03/12/2023

Sample No. : MSKGL/ED/2023-24/11/00969

Job No. : ED/AIR/KAT-2023/00020

Reference No. & Date : 9200000102, Date - 24/05/2021

hereby certify that the following sample drawn by us / submitted by the customer has been analyzed with the following lts:

Description of sample (As declared by customer)	NOISE
Sample Mark (if any, given by the customer)	TURBINE AREA
Date of sampling	27/11/2023

ort No. : MSKGL/ED/2023-24/003664 **Sample No. :** MSKGL/ED/2023-24/11/00969

ANALYSIS RESULT

emical

l No.	Test Parameters	Unit	Test Method	Result
1	Leq dB(A) day	dB(A)	IS 9989: 1981	67.8
2	Leq dB(A) night	dB(A)	IS 9989: 1981	59.2

: Detection Limit BDL : Below Detection Limit

inion :

Report Verified By

For Mitra S. K. Private Limited

Authorised Signatory

* *This results relate only to the item(s) tested.*

* *This Test Report shall not be reproduced except in full, without the permission of Mitra S. K. Private Limited.*

TEST REPORT

Name & Address of Customer :

Prayagraj Power Generation Company Ltd.

Vill.: Khan Semra, Tehsil : Bara,
Dist.: Prayagraj
(Uttar Pradesh) [India]
(Pin Code - 212107)

Report No. : MSKGL/ED/2023-24/002737

Date : 24/10/2023

Sample No. : MSKGL/ED/2023-24/10/01258

Job No. : ED/AIR/KAT-2023/00017

Reference No. & Date : 9200000102, Date - 24/05/2021

We hereby certify that the following sample drawn by us / submitted by the customer has been analyzed with the following results:

1. Description of sample (As declared by customer)	NOISE
2. Sample Mark (if any, given by the customer)	**TURBINE AREA**
3. Date of sampling	16/10/2023

Report No. : MSKGL/ED/2023-24/002737 **Sample No. :** MSKGL/ED/2023-24/10/01258

ANALYSIS RESULT

Chemical

Sl No.	Test Parameters	Unit	Test Method	Result
1	Leq dB(A) day	dB(A)	IS 9989: 1981	70.4
2	Leq dB(A) night	dB(A)	IS 9989: 1981	65.1

DL : Detection Limit ***BDL : Below Detection Limit***

Opinion :

Report Verified By

For Mitra S. K. Private Limited

Authorised Signatory

* *This results relate only to the item(s) tested.*

* *This Test Report shall not be reproduced except in full, without the permission of Mitra S. K. Private Limited.*

Annexure-7

Mitra S. K. Private Limited

Above Punjab National Bank
Maihar Road, NH-7, Kuthla,
Katni – 483501 (M.P.)
CIN: U51909WB1956PTC023037
T : 07622 – 240651, 240919
E : prpattanaik@mitrask.co.in
sknigam@mitrask.co.in

TEST REPORT

Name & Address of Customer :

Prayagraj Power Generation Company Ltd.
Vill.: Khan Semra, Tehsil : Bara,
Dist.: Prayagraj
(Uttar Pradesh) [India]
(Pin Code - 212107)

Report No. : MSKGL/ED/2024-25/000100

Date : 04/04/2024
Job No : ED/AIR/KAT-2023/00030
Sample No. : MSKGL/ED/2023-24/03/01061
Reference No. & Date : 9200000102, Date - 24/05/2021

We hereby certify that the following sample Drawn by us has been analyzed with the following results:

1. Group	AIR
2. Description of sample	Ambient Air
3. Unique Identification of sample(if any)	CHP AREA
4. Date of sampling	04/03/2024

Report No. : MSKGL/ED/2024-25/000100 **Sample No. :** MSKGL/ED/2023-24/03/01061

RESULT

Analysis Result of Ambient Air

Sl No.	Parameter	UOM	Method	Limit	Result
01	Particulate Matter (<10um)	micro gm/m3	IS 5182: Part 23:2006 (Reaff. 2012) (O)	100 24 HR.	91.4
02	Particulate Matter (<2.5um)	micro gm/m3	IS 5182 (PT-24):2019 (O)	60 24 HR.	55.7
03	Sulphur Dioxide (SO2)	micro gm/m3	IS 5182 : Part 2 :2001 (Reaff.2012) (O)	80 24 HR.	8.1
04	Nitrogen Dioxide (NO2)	micro gm/m3	IS 5182 : Part 6 :2006 (Reaff.2012) (O)	80 24 HR.	36.8

Report Verified By

For Mitra S. K. Private Limited

Authorised Signatory

Mitra S. K. Private Limited

Above Punjab National Bank
Maihar Road, NH-7, Kuthla,
Katni – 483501 (M.P.)
CIN: U51909WB1956PTC023037
T : 07622 – 240651, 240919
E : prpattanaik@mitrask.co.in
sknigam@mitrask.co.in

TEST REPORT

Name & Address of Customer :

Prayagraj Power Generation Company Ltd.
Vill.: Khan Semra, Tehsil : Bara,
Dist.: Prayagraj
(Uttar Pradesh) [India]
(Pin Code - 212107)

Report No. : MSKGL/ED/2024-25/000101

Date : 04/04/2024
Job No : ED/AIR/KAT-2023/00030
Sample No. : MSKGL/ED/2023-24/03/01062
Reference No. & Date : 9200000102, Date - 24/05/2021

We hereby certify that the following sample Drawn by us has been analyzed with the following results:

1. Group	AIR
2. Description of sample	Ambient Air
3. Unique Identification of sample(if any)	FIRE STATION
4. Date of sampling	04/03/2024

Report No. : MSKGL/ED/2024-25/000101 **Sample No. :** MSKGL/ED/2023-24/03/01062

RESULT

Analysis Result of Ambient Air

Sl No.	Parameter	UOM	Method	Limit	Result
01	Particulate Matter (<10um)	micro gm/m3	IS 5182: Part 23:2006 (Reaff. 2012) (O)	100 24 HR.	82.6
02	Particulate Matter (<2.5um)	micro gm/m3	IS 5182 (PT-24),2019 (O)	60 24 HR.	41.3
03	Sulphur Dioxide (SO2)	micro gm/m3	IS 5182 : Part 2 :2001 [Reaff.2012] (O)	80 24 HR.	7.9
04	Nitrogen Dioxide (NO2)	micro gm/m3	IS 5182 : Part 6 :2006 [Reaff.2012] (O)	80 24 HR.	40.3

Report Verified By

For Mitra S. K. Private Limited

Authorised Signatory

Mitra S. K. Private Limited

Above Punjab National Bank
Maihar Road, NH-7, Kuthla,
Katni – 483501 (M.P.)
CIN: U51909WB1956PTC023037
T : 07622 – 240651, 240919
E : prpattanaik@mitrask.co.in
sknigam@mitrask.co.in

MSK TESTING • INSPECTION

TEST REPORT

Name & Address of Customer :

Prayagraj Power Generation Company Ltd.
Vill.: Khan Semra, Tehsil : Bara,
Dist.: Prayagraj
(Uttar Pradesh) [India]
(Pin Code - 212107)

Report No. : MSKGL/ED/2024-25/000102

Date : 04/04/2024
Job No : ED/AIR/KAT-2023/00030
Sample No. : MSKGL/ED/2023-24/03/01063
Reference No. & Date : 9200000102, Date - 24/05/2021

We hereby certify that the following sample Drawn by us has been analyzed with the following results:

1. Group	AIR
2. Description of sample	Ambient Air
3. Unique Identification of sample(if any)	HORTICULTURE
4. Date of sampling	04/03/2024

Report No. : MSKGL/ED/2024-25/000102 **Sample No. :** MSKGL/ED/2023-24/03/01063

RESULT

Analysis Result of Ambient Air

Sl No.	Parameter	UOM	Method	Limit	Result
01	Particulate Matter (<10um)	micro gm/m3	IS 5182: Part 23:2006 (Reaff. 2012) (O)	100 24 HR	88.1
02	Particulate Matter (<2.5um)	micro gm/m3	IS 5182 (PT-24):2019 (O)	60 24 HR	52.9
03	Sulphur Dioxide (SO2)	micro gm/m3	IS 5182 : Part 2 :2001 (Reaff.2012) (O)	80 24 HR	8.6
04	Nitrogen Dioxide (NO2)	micro gm/m3	IS 5182 : Part 6 :2006 (Reaff.2012) (O)	80 24 HR	36.3

Report Verified By

For Mitra S. K. Private Limited

Authorised Signatory

Mitra S. K. Private Limited

Above Punjab National Bank
Maihar Road, NH-7, Kuthla,
Katni – 483501 (M.P.)
CIN: U51909WB1956PTC023037
T : 07622 – 240651, 240919
E : prpattanaik@mitrask.co.in
sknigam@mitrask.co.in

MSK
TESTING • INSPECTION

TEST REPORT

Name & Address of Customer :

Prayagraj Power Generation Company Ltd.
Vill.- Khan Semra, Tehsil- Bara,
Dist.- Prayagraj
(Uttar Pradesh) [India]
[Pin Code - 212107]

Report No. : MSKGL/ED/2024-25/000103

Date : 04/04/2024
Job No : ED/AIR/KAT-2023/00030
Sample No. : MSKGL/ED/2023-24/03/01064
Reference No. & Date : 9200000102, Date - 24/05/2021

We hereby certify that the following sample Drawn by us has been analyzed with the following results:

1. Group	**AIR**
2. Description of sample	Ambient Air
3. Unique Identification of sample(if any)	**ITI COLLEGE**
4. Date of sampling	04/03/2024

Report No. : MSKGL/ED/2024-25/000103 **Sample No. :** MSKGL/ED/2023-24/03/01064

RESULT

Analysis Result of Ambient Air

Sl No.	Parameter	UOM	Method	Limit	Result
01	Particulate Matter (<10um)	micro gm/m3	IS 5182: Part 23:2006 (Reaff. 2012)_(O)	100 24 HR.	83.2
02	Particulate Matter (<2.5um)	micro gm/m3	IS 5182 (PT-24),2019_(O)	60 24 HR.	50.2
03	Sulphur Dioxide (SO2)	micro gm/m3	IS 5182 : Part 2 :2001 (Reaff.2012)_(O)	80 24 HR.	9.2
04	Nitrogen Dioxide (NO2)	micro gm/m3	IS 5182 : Part 6 :2006 (Reaff.2012)_(O)	80 24 HR.	43.6

Report Verified By

For Mitra S. K. Private Limited

Authorised Signatory

Mitra S. K. Private Limited

TESTING • INSPECTION

Above Punjab National Bank
Maihar Road, NH-7, Kuthla,
Katni – 483501 (M.P.)
CIN: U51909WB1956PTC023037
T : 07622 – 240651, 240919
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sknigam@mitrask.co.in

TEST REPORT

Name & Address of Customer :

Prayagraj Power Generation Company Ltd.
Vill.: Khan Semra, Tehsil : Bara,
Dist.: Prayagraj
(Uttar Pradesh) [India]
(Pin Code - 212107)

Report No. : MSKGL/ED/2024-25/000104

Date : 04/04/2024
Job No : ED/AIR/KAT-2023/00030
Sample No. : MSKGL/ED/2023-24/03/01065
Reference No. & Date : 9200000102, Date - 24/05/2021

We hereby certify that the following sample Drawn by us has been analyzed with the following results:

1. Group	AIR
2. Description of sample	Ambient Air
3. Unique Identification of sample(if any)	LOHGARA VILLAGE
4. Date of sampling	05/03/2024

Report No. : MSKGL/ED/2024-25/000104 **Sample No. :** MSKGL/ED/2023-24/03/01065

RESULT

Analysis Result of Ambient Air

Sl No.	Parameter	UOM	Method	Limit	Result
01	Particulate Matter (<10um)	micro gm/m3	IS 5182: Part 23:2006 (Reaff. 2012) (O)	100 24 HR.	74.7
02	Particulate Matter (<2.5um)	micro gm/m3	IS 5182 (PT-24),2019 (O)	60 24 HR.	44.9
03	Sulphur Dioxide (SO2)	micro gm/m3	IS 5182 : Part 2 :2001 (Reaff.2012) (O)	80 24 HR.	9.7
04	Nitrogen Dioxide (NO2)	micro gm/m3	IS 5182 : Part 6 :2006 (Reaff.2012) (O)	80 24 HR.	37.1

Report Verified By

For Mitra S. K. Private Limited

Authorised Signatory

Mitra S. K. Private Limited

Above Punjab National Bank
Maihar Road, NH-7, Kuthla,
Katni – 483501 (M.P.)
CIN: U51909WB1956PTC023037
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E : prpattanaik@mitrask.co.in
sknigam@mitrask.co.in

MSK TESTING • INSPECTION

TEST REPORT

Name & Address of Customer :

Prayagraj Power Generation Company Ltd.
Vill.: Khan Semra, Tehsil : Bara,
Dist.: Prayagraj
(Uttar Pradesh) [India]
(Pin Code - 212107)

Report No. : MSKGL/ED/2024-25/000105

Date : 04/04/2024
Job No : ED/AIR/KAT-2023/00030
Sample No. : MSKGL/ED/2023-24/03/01066
Reference No. & Date : 9200000102, Date - 24/05/2021

We hereby certify that the following sample Drawn by us has been analyzed with the following results:

1. Group	**AIR**
2. Description of sample	Ambient Air
3. Unique Identification of sample(if any)	**BEMARA VILLAGE**
4. Date of sampling	05/03/2024

Report No. : MSKGL/ED/2024-25/000105 **Sample No. :** MSKGL/ED/2023-24/03/01066

RESULT

Analysis Result of Ambient Air

Sl No.	Parameter	UOM	Method	Limit	Result
01	Particulate Matter (<10um)	micro gm/m3	IS 5182: Part 23:2006 (Reaff. 2012) (O)	100 24 HR.	64.2
02	Particulate Matter (<2.5um)	micro gm/m3	IS 5182 (PT-24),2019 (O)	60 24 HR.	35.6
03	Sulphur Dioxide (SO2)	micro gm/m3	IS 5182 : Part 2 :2001 (Reaff.2012) (O)	80 24 HR.	6.8
04	Nitrogen Dioxide (NO2)	micro gm/m3	IS 5182 : Part 6 :2006 (Reaff.2012) (O)	80 24 HR.	38.6

Report Verified By

For Mitra S. K. Private Limited

Authorised Signatory

Mitra S. K. Private Limited

Above Punjab National Bank
Maihar Road, NH-7, Kuthla,
Katni – 483501 (M.P.)
CIN: U51909WB1956PTC023037
T : 07622 – 240651, 240919
E : prpattanaik@mitrask.co.in
sknigam@mitrask.co.in

MSK TESTING • INSPECTION

TEST REPORT

Name & Address of Customer :

Prayagraj Power Generation Company Ltd.
Vill.: Khan Semra, Tehsil : Bara,
Dist.: Prayagraj
(Uttar Pradesh) [India]
(Pin Code - 212107)

Report No. : MSKGL/ED/2024-25/000106

Date : 04/04/2024
Job No : ED/AIR/KAT-2023/00030
Sample No. : MSKGL/ED/2023-24/03/01067
Reference No. & Date : 9200000102, Date - 24/05/2021

We hereby certify that the following sample Drawn by us has been analyzed with the following results:

1. Group	AIR
2. Description of sample	Ambient Air
3. Unique Identification of sample(if any)	KAPARI VILLAGE
4. Date of sampling	05/03/2024

Report No. : MSKGL/ED/2024-25/000106 **Sample No. :** MSKGL/ED/2023-24/03/01067

RESULT

Analysis Result of Ambient Air

Sl No.	Parameter	UOM	Method	Limit	Result
01	Particulate Matter (<10um)	micro gm/m3	IS 5182: Part 23:2006 (Reaff. 2012)_(O)	100 24 HR.	80.9
02	Particulate Matter (<2.5um)	micro gm/m3	IS 5182 (PT-24),2019_(O)	60 24 HR.	52.4
03	Sulphur Dioxide (SO2)	micro gm/m3	IS 5182 : Part 2 :2001 (Reaff.2012) _(O)	80 24 HR.	10.2
04	Nitrogen Dioxide (NO2)	micro gm/m3	IS 5182 : Part 6 :2006 (Reaff.2012) _(O)	80 24 HR.	43.2

Report Verified By

For Mitra S. K. Private Limited

Authorised Signatory

Mitra S. K. Private Limited

Above Punjab National Bank
Maihar Road, NH-7, Kuthla,
Katni – 483501 (M.P.)
CIN: U51909WB1956PTC023037
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E : prpattanaik@mitrask.co.in
sknigam@mitrask.co.in

MSK
TESTING • INSPECTION

TEST REPORT

Name & Address of Customer :
Prayagraj Power Generation Company Ltd.
Vill.: Khar Semra, Tehsil : Bara,
Dist.: Prayagraj
(Uttar Pradesh) (India)
(Pin Code - 212107)

Report No. : MSKGL/ED/2024-25/000128
Date : 04/04/2024
Job No : ED/AIR/KAT-2023/00030
Sample No. : MSKGL/ED/2023-24/03/01089
Reference No. & Date : 9200000102, Date - 24/05/2021

We hereby certify that the following sample Drawn by us has been analyzed with the following results:

1. Group	AIR
2. Description of sample	Ambient Air
3. Unique Identification of sample(if any)	**CHP AREA**
4. Date of sampling	21/03/2024

Report No. : MSKGL/ED/2024-25/000128 **Sample No.** : MSKGL/ED/2023-24/03/01089

RESULT

Analysis Result of Ambient Air

Sl No.	Parameter	UOM	Method	Limit	Result
01	Particulate Matter (<10um)	micro gm/m3	IS 5182: Part 23:2006 (Reaff. 2012)_(O)	100 24 HR.	67.8
02	Particulate Matter (<2.5um)	micro gm/m3	IS 5182 (PT-24),2019_(O)	60 24 HR.	35.6
03	Sulphur Dioxide (SO2)	micro gm/m3	IS 5182 : Part 2 :2001 (Reaff.2012) _(O)	80 24 HR.	10.2
04	Nitrogen Dioxide (NO2)	micro gm/m3	IS 5182 : Part 6 :2006 (Reaff.2012) _(O)	80 24 HR.	37.2

Report Verified By

For Mitra S. K. Private Limited

Authorised Signatory

Mitra S. K. Private Limited

Above Punjab National Bank
Maihar Road, NH-7, Kuthla,
Katni – 483501 (M.P.)
CIN: U51909WB1956PTC023037
T : 07622 – 240651, 240919
E : prpattanaik@mitrask.co.in
sknigam@mitrask.co.in

TEST REPORT

Name & Address of Customer :
Prayagraj Power Generation Company Ltd.
Vill.: Khan Semra, Tehsil : Bara
Dist.: Prayagraj
(Uttar Pradesh) (India)
(Pin Code - 212107)

Report No. : MSKGL/ED/2024-25/000129
Date : 04/04/2024
Job No : ED/AIR/KAT-2023/00030
Sample No. : MSKGL/ED/2023-24/03/01090
Reference No. & Date : 9200000102, Date - 24/05/2021

We hereby certify that the following sample Drawn by us has been analyzed with the following results:

1. Group	AIR
2. Description of sample	Ambient Air
3. Unique Identification of sample(if any)	FIRE STATION
4. Date of sampling	21/03/2024

Report No. : MSKGL/ED/2024-25/000129 **Sample No. :** MSKGL/ED/2023-24/03/01090

RESULT

Analysis Result of Ambient Air

Sl No.	Parameter	UOM	Method	Limit	Result
01	Particulate Matter (<10µm)	micro gm/m3	IS 5182: Part 23:2006 (Reaff. 2012)_(O)	100 24 HR.	86.1
02	Particulate Matter (<2.5um)	micro gm/m3	IS 5182 (PT-24),2019_(O)	60 24 HR.	50.9
03	Sulphur Dioxide (SO2)	micro gm/m3	IS 5182 : Part 2 :2001 (Reaff.2012) _(O)	80 24 HR.	8.7
04	Nitrogen Dioxide (NO2)	micro gm/m3	IS 5182 : Part 6 :2006 (Reaff.2012) _(O)	80 24 HR.	31.8

Report Verified By

For Mitra S. K. Private Limited

Authorised Signatory

Mitra S. K. Private Limited

Above Punjab National Bank
Maihar Road, NH-7, Kuthla,
Katni – 483501 (M.P.)
CIN: U51909WB1956PTC023037
T : 07622 – 240651, 240919
E : prpattanaik@mitrask.co.in
sknigam@mitrask.co.in

MSK TESTING • INSPECTION

TEST REPORT

Name & Address of Customer :
Prayagraj Power Generation Company Ltd.
Vill.: Khan Semra, Tehsil : Bara,
Dist.: Prayagraj
(Uttar Pradesh) (India)
(Pin Code - 212107)

Report No. : MSKGL/ED/2024-25/000130
Date : 04/04/2024
Job No : ED/AIR/KAT-2023/00030
Sample No. : MSKGL/ED/2023-24/03/01091
Reference No. & Date : 9200000102, Date - 24/05/2021

We hereby certify that the following sample Drawn by us has been analyzed with the following results:

1. Group	AIR
2. Description of sample	Ambient Air
3. Unique Identification of sample(if any)	HORTICULTURE
4. Date of sampling	21/03/2024

Report No. : MSKGL/ED/2024-25/000130 **Sample No. :** MSKGL/ED/2023-24/03/01091

RESULT

Analysis Result of Ambient Air

Sl No.	Parameter	UOM	Method	Limit	Result
.01	Particulate Matter (<10um)	micro gm/m3	IS 5182: Part 23:2006 (Reaff. 2012) (O)	100 24 HR.	74.8
02	Particulate Matter (<2.5um)	micro gm/m3	IS 5182 (PT-24),2019 (O)	60 24 HR.	40.1
03	Sulphur Dioxide (SO2)	micro gm/m3	IS 5182 : Part 2 :2001 (Reaff.2012) (O)	80 24 HR.	6.3
04	Nitrogen Dioxide (NO2)	micro gm/m3	IS 5182 : Part 6 :2006 (Reaff.2012) (O)	80 24 HR.	27.2

Report Verified By

For Mitra S. K. Private Limited

Authorised Signatory

Mitra S. K. Private Limited

Above Punjab National Bank
Maihar Road, NH-7, Kuthla,
Katni – 483501 (M.P.)
CIN: U51909WB1956PTC023037
T : 07622 – 240651, 240919
E : prpattanaik@mitrask.co.in
sknigam@mitrask.co.in

TEST REPORT

Name & Address of Customer :
Prayagraj Power Generation Company Ltd.
Vill.: Khan Semra, Tehsil : Bara,
Dist.: Prayagraj
(Uttar Pradesh) (India)
(Pin Code - 212107)

Report No. : MSKGL/ED/2024-25/000131
Date : 04/04/2024
Job No : ED/AIR/KAT-2023/00030
Sample No. : MSKGL/ED/2023-24/03/01092
Reference No. & Date : 9200000102, Date - 24/05/2021

We hereby certify that the following sample Drawn by us has been analyzed with the following results:

1. Group	AIR
2. Description of sample	Ambient Air
3. Unique Identification of sample(if any)	ITI COLLEGE
4. Date of sampling	21/03/2024

Report No. : MSKGL/ED/2024-25/000131 **Sample No. :** MSKGL/ED/2023-24/03/01092

RESULT

Analysis Result of Ambient Air

Sl No.	Parameter	UOM	Method	Limit	Result
01	Particulate Matter (<10um)	micro gm/m3	IS 5182: Part 23:2006 (Reaff. 2012)_(O)	100 24 HR.	90.2
02	Particulate Matter (<2.5um)	micro gm/m3	IS 5182 (PT-24),2019_(O)	60 24 HR.	48.2
03	Sulphur Dioxide (SO2)	micro gm/m3	IS 5182 : Part 2 :2001 (Reaff.2012) _(O)	80 24 HR.	9.2
04	Nitrogen Dioxide (NO2)	micro gm/m3	IS 5182 : Part 6 :2006 (Reaff.2012) _(O)	80 24 HR.	30.1

Report Verified By

For Mitra S. K. Private Limited

Authorised Signatory

Mitra S. K. Private Limited

Above Punjab National Bank
Maihar Road, NH-7, Kuthla,
Katni – 483501 (M.P.)
CIN: U51909WB1956PTC023037
T : 07622 – 240651, 240919
E : prpattanaik@mitrask.co.in
sknigam@mitrask.co.in

TEST REPORT

Name & Address of Customer :
Prayagraj Power Generation Company Ltd.
Vill.: Khan Semra, Tehsil : Bara,
Dist.: Prayagraj
(Uttar Pradesh) [India]
(Pin Code - 212107)

Report No. : MSKGL/ED/2024-25/000132
Date : 04/04/2024
Job No : ED/AIR/KAT-2023/00030
Sample No. : MSKGL/ED/2023-24/03/01093
Reference No. & Date : 9200000102, Date - 24/05/2021

We hereby certify that the following sample Drawn by us has been analyzed with the following results:

1. Group	AIR
2. Description of sample	Ambient Air
3. Unique Identification of sample(if any)	**LOHGARA VILLAGE**
4. Date of sampling	22/03/2024

Report No. : MSKGL/ED/2024-25/000132 **Sample No. :** MSKGL/ED/2023-24/03/01093

RESULT

Analysis Result of Ambient Air

Sl No.	Parameter	UOM	Method	Limit	Result
01	Particulate Matter (<10um)	micro gm/m3	IS 5182: Part 23:2006 (Reaff. 2012) (O)	100 24 HR.	70.3
02	Particulate Matter (<2.5um)	micro gm/m3	IS 5182 (PT-24),2019 (O)	60 24 HR.	49.7
03	Sulphur Dioxide (SO2)	micro gm/m3	IS 5182 : Part 2 :2001 (Reaff.2012) (O)	80 24 HR.	6.4
04	Nitrogen Dioxide (NO2)	micro gm/m3	IS 5182 : Part 6 :2006 (Reaff.2012) (O)	80 24 HR.	32.8

Report Verified By

For Mitra S. K. Private Limited

Authorised Signatory

Mitra S. K. Private Limited

Above Punjab National Bank
Maihar Road, NH-7, Kuthla,
Katni – 483501 (M.P.)
CIN: U51909WB1956PTC023037
T : 07622 – 240651, 240919
E : prpattanaik@mitrask.co.in
sknigam@mitrask.co.in

TEST REPORT

Name & Address of Customer :
Prayagraj Power Generation Company Ltd.
Vill.: Khua Semra, Tehsil : Bara,
Dist.: Prayagraj
(Uttar Pradesh) [India]
(Pin Code - 212107)

Report No. : MSKGL/ED/2024-25/000133
Date : 04/04/2024
Job No : ED/AIR/KAT-2023/00030
Sample No. : MSKGL/ED/2023-24/03/01094
Reference No. & Date : 9200000102, Date - 24/05/2021

We hereby certify that the following sample Drawn by us has been analyzed with the following results:

1. Group	AIR
2. Description of sample	Ambient Air
3. Unique Identification of sample(if any)	BEMARA VILLAGE
4. Date of sampling	22/03/2024

Report No. : MSKGL/ED/2024-25/000133 **Sample No. :** MSKGL/ED/2023-24/03/01094

RESULT

Analysis Result of Ambient Air

Sl No.	Parameter	UOM	Method	Limit	Result
01	Particulate Matter (<10um)	micro gm/m3	IS 5182: Part 23:2006 (Reaff. 2012)_(O)	100 24 HR.	73.6
02	Particulate Matter (<2.5um)	micro gm/m3	IS 5182 (PT-24),2019_(O)	60 24 HR.	43.2
03	Sulphur Dioxide (SO2)	micro gm/m3	IS 5182 : Part 2 :2001 (Reaff.2012) _(O)	80 24 HR.	8.0
04	Nitrogen Dioxide (NO2)	micro gm/m3	IS 5182 : Part 6 :2006 (Reaff.2012) _(O)	80 24 HR.	34.1

Report Verified By

For Mitra S. K. Private Limited

Authorised Signatory

Mitra S. K. Private Limited

Above Punjab National Bank
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TEST REPORT

Name & Address of Customer :
Prayagraj Power Generation Company Ltd.
Vill.: Khan Semra, Tehsil : Bara,
Dist: Prayagraj
(Uttar Pradesh) [India]
(Pin Code - 212107)

Report No. : MSKGL/ED/2024-25/000134
Date : 04/04/2024
Job No : ED/AIR/KAT-2023/00030
Sample No. : MSKGL/ED/2023-24/03/01095
Reference No. & Date : 9200000102, Date - 24/05/2021

We hereby certify that the following sample Drawn by us has been analyzed with the following results:

1. Group	**AIR**
2. Description of sample	Ambient Air
3. Unique Identification of sample(if any)	**KAPARI VILLAGE**
4. Date of sampling	22/03/2024

Report No. : MSKGL/ED/2024-25/000134 **Sample No. :** MSKGL/ED/2023-24/03/01095

RESULT

Analysis Result of Ambient Air

Sl No.	Parameter	UOM	Method	Limit	Result
01	Particulate Matter (<10um)	micro gm/m3	IS 5182: Part 23:2006 (Reaff. 2012)_(O)	100 24 HR.	72.5
02	Particulate Matter (<2.5um)	micro gm/m3	IS 5182 (PT-24),2019_(O)	60 24 HR.	42.8
03	Sulphur Dioxide (SO2)	micro gm/m3	IS 5182 : Part 2 :2001 (Reaff.2012) _(O)	80 24 HR.	7.6
04	Nitrogen Dioxide (NO2)	micro gm/m3	IS 5182 : Part 6 :2006 (Reaff.2012) _(O)	80 24 HR.	27.4

Report Verified By

For Mitra S. K. Private Limited

Authorised Signatory

Mitra S. K. Private Limited

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TEST REPORT

Name & Address of Customer :

Prayagraj Power Generation Company Ltd.
Vill.: Khan Semra, Tehsil : Bara,
Dist.: Prayagraj
(Uttar Pradesh) (India)
(Pin Code : 212107)

Report No. : MSKGL/ED/2023-24/005269

Date : 13/03/2024
Job No : ED/AIR/KAT-2023/00026
Sample No. : MSKGL/ED/2023-24/02/00459
Reference No. & Date : 9200000102, Date - 24/05/2021

We hereby certify that the following sample Drawn by us has been analyzed with the following results:

1. Group	**AIR**
2. Description of sample	Ambient Air
3. Unique Identification of sample(if any)	**CHP AREA**
4. Date of sampling	01/02/2024

Report No. : MSKGL/ED/2023-24/005269 **Sample No. :** MSKGL/ED/2023-24/02/00459

RESULT

Analysis Result of Ambient Air

Sl No.	Parameter	UOM	Method	Limit	Result
01	Particulate Matter (<10um)	micro gm/m3	IS 5182: Part 23:2006 (Reaff. 2012)_(O)	100 24 HR.	89.6
02	Particulate Matter (<2.5um)	micro gm/m3	IS 5182 (PT-24),2019_(O)	60 24 HR.	48.1
03	Sulphur Dioxide (SO2)	micro gm/m3	IS 5182 : Part 2 :2001 (Reaff.2012) _(O)	80 24 HR.	9.5
04	Nitrogen Dioxide (NO2)	micro gm/m3	IS 5182 : Part 6 :2006 (Reaff.2012) _(O)	80 24 HR.	48.2

Report Verified By

For Mitra S. K. Private Limited

Authorised Signatory

Mitra S. K. Private Limited

Above Punjab National Bank
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TEST REPORT

Name & Address of Customer :

Prayagraj Power Generation Company Ltd.
Vill.: Khan Semra, Tehsil : Bara,
Dist.: Prayagraj
(Uttar Pradesh) (India)
(Pin Code - 212107).

Report No. : MSKGL/ED/2023-24/005270

Date : 13/03/2024
Job No : ED/AIR/KAT-2023/00026
Sample No. : MSKGL/ED/2023-24/02/00460
Reference No. & Date : 9200000102, Date - 24/05/2021

We hereby certify that the following sample Drawn by us has been analyzed with the following results:

1. Group	**AIR**
2. Description of sample	Ambient Air
3. Unique Identification of sample(if any)	**FIRE STATION**
4. Date of sampling	01/02/2024

Report No. : MSKGL/ED/2023-24/005270 **Sample No. :** MSKGL/ED/2023-24/02/00460

RESULT

Analysis Result of Ambient Air

Sl No.	Parameter	UOM	Method	Limit	Result
01	Particulate Matter (<10um)	micro gm/m3	IS 5182: Part 23:2006 (Reaff. 2012)_(O)	100 24 HR.	75.6
02	Particulate Matter (<2.5um)	micro gm/m3	IS 5182 (PT-24),2019_(O)	60 24 HR.	35.3
03	Sulphur Dioxide (SO2)	micro gm/m3	IS 5182 : Part 2 :2001 (Reaff.2012) _(O)	80 24 HR.	7.6
04	Nitrogen Dioxide (NO2)	micro gm/m3	IS 5182 : Part 6 :2006 (Reaff.2012) _(O)	80 24 HR.	34.2

Report Verified By

For Mitra S. K. Private Limited

Authorised Signatory

Mitra S. K. Private Limited

TESTING • INSPECTION

Above Punjab National Bank,
Maihar Road, NH-7, Kuthla,
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TEST REPORT

Name & Address of Customer :

Prayagraj Power Generation Company Ltd.
Vill.: Khan Semra, Tehsil : Bara,
Dist.: Prayagraj
(Uttar Pradesh) (India)
(Pin Code - 212107)

Report No. : MSKGL/ED/2023-24/005271

Date : 13/03/2024
Job No : ED/AIR/KAT-2023/00026
Sample No. : MSKGL/ED/2023-24/02/00461
Reference No. & Date : 9200000102, Date - 24/05/2021

We hereby certify that the following sample Drawn by us has been analyzed with the following results:

1. Group	AIR
2. Description of sample	Ambient Air
3. Unique Identification of sample(if any)	HORTICULTURE
4. Date of sampling	01/02/2024

Report No. : MSKGL/ED/2023-24/005271 **Sample No. :** MSKGL/ED/2023-24/02/00461

RESULT

Analysis Result of Ambient Air

Sl No.	Parameter	UOM	Method	Limit	Result
01	Particulate Matter (<10um)	micro gm/m3	IS 5182: Part 23:2006 (Reaff. 2012)_(O)	100 24 HR.	69.8
02	Particulate Matter (<2.5um)	micro gm/m3	IS 5182 (PT-24),2019_(O)	60 24 HR.	40.5
03	Sulphur Dioxide (SO2)	micro gm/m3	IS 5182 : Part 2 :2001 (Reaff.2012) _(O)	80 24 HR.	6.8
04	Nitrogen Dioxide (NO2)	micro gm/m3	IS 5182 : Part 6 :2006 (Reaff.2012) _(O)	80 24 HR.	39.1

Report Verified By

For Mitra S. K. Private Limited

Authorised Signatory

Mitra S. K. Private Limited

Above Punjab National Bank
Maihar Road, NH-7, Kuthla,
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sknigam@mitrask.co.in

TEST REPORT

Name & Address of Customer :

Prayagraj Power Generation Company Ltd.
Vill.: Khan Semra, Tehsil : Bara,
Dist.: Prayagraj
(Uttar Pradesh) (India)
(Pin Code - 212107)

Report No. : MSKGL/ED/2023-24/005272

Date : 13/03/2024
Job No : ED/AIR/KAT-2023/00026
Sample No. : MSKGL/ED/2023-24/02/00462
Reference No. & Date : 9200000102, Date - 24/05/2021

We hereby certify that the following sample Drawn by us has been analyzed with the following results:

1. Group	AIR
2. Description of sample	Ambient Air
3. Unique Identification of sample(if any)	**ITI COLLEGE**
4. Date of sampling	01/02/2024

Report No. : MSKGL/ED/2023-24/005272 **Sample No. :** MSKGL/ED/2023-24/02/00462

RESULT

Analysis Result of Ambient Air

Sl No.	Parameter	UOM	Method	Limit	Result
01	Particulate Matter (<10um)	micro gm/m3	IS 5182: Part 23:2006 (Reaff. 2012) (O)	100 24 HR.	65.5
02	Particulate Matter (<2.5um)	micro gm/m3	IS 5182 (PT-24),2019 (O)	60 24 HR.	36.1
03	Sulphur Dioxide (SO2)	micro gm/m3	IS 5182 : Part 2 :2001 (Reaff.2012) (O)	80 24 HR.	7.0
04	Nitrogen Dioxide (NO2)	micro gm/m3	IS 5182 : Part 6 :2006 (Reaff.2012) (O)	80 24 HR.	40.4

Report Verified By

For Mitra S. K. Private Limited

Authorised Signatory

Mitra S. K. Private Limited

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MSK TESTING • INSPECTION

TEST REPORT

Name & Address of Customer :

Prayagraj Power Generation Company Ltd.
Vill.: Khan Semra, Tehsil: Bara,
Dist.: Prayagraj
(Uttar Pradesh) [India]
[Pin Code - 212107]

Report No. : MSKGL/ED/2023-24/005273

Date : 13/03/2024
Job No : ED/AIR/KAT-2023/00026
Sample No. : MSKGL/ED/2023-24/02/00463
Reference No. & Date : 9200000102, Date - 24/05/2021

We hereby certify that the following sample Drawn by us has been analyzed with the following results:

1. Group	**AIR**
2. Description of sample	Ambient Air
3. Unique Identification of sample(if any)	**LOHGARA VILLAGE**
4. Date of sampling	02/02/2024

Report No. : MSKGL/ED/2023-24/005273 **Sample No. :** MSKGL/ED/2023-24/02/00463

RESULT

Analysis Result of Ambient Air

Sl No.	Parameter	UOM	Method	Limit	Result
01	Particulate Matter (<10um)	micro gm/m3	IS 5182: Part 23:2006 (Reaff. 2012)_(O)	100 24 HR.	50.6
02	Particulate Matter (<2.5um)	micro gm/m3	IS 5182 (PT-24),2019_(O)	60 24 HR.	27.6
03	Sulphur Dioxide (SO2)	micro gm/m3	IS 5182 : Part 2 :2001 (Reaff.2012) _(O)	80 24 HR.	BDL(DL:6.0)
04	Nitrogen Dioxide (NO2)	micro gm/m3	IS 5182 : Part 6 :2006 (Reaff.2012) _(O)	80 24 HR.	36.6

Report Verified By

For Mitra S. K. Private Limited

Authorised Signatory

Mitra S. K. Private Limited

Above Punjab National Bank
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TEST REPORT

Name & Address of Customer :

Prayagraj Power Generation Company Ltd.
Vill.: Khan Semra, Tehsil : Bara,
Dist.: Prayagraj
(Uttar Pradesh) (India)
(Pin Code- 212107)

Report No. : MSKGL/ED/2023-24/005274

Date : 13/03/2024
Job No : ED/AIR/KAT-2023/00026
Sample No. : MSKGL/ED/2023-24/02/00464
Reference No. & Date : 9200000102, Date - 24/05/2021

We hereby certify that the following sample Drawn by us has been analyzed with the following results:

1. Group	AIR
2. Description of sample	Ambient Air
3. Unique Identification of sample(if any)	BEMARA VILLAGE
4. Date of sampling	02/02/2024

Report No. : MSKGL/ED/2023-24/005274 **Sample No. :** MSKGL/ED/2023-24/02/00464

RESULT

Analysis Result of Ambient Air

Sl No.	Parameter	UOM	Method	Limit	Result
01	Particulate Matter (<10um)	micro gm/m3	IS 5182; Part 23:2006 (Reaff. 2012) (O)	100 24 HR.	67.2
02	Particulate Matter (<2.5um)	micro gm/m3	IS 5182 (PT-24),2019 (O)	60 24 HR.	35.0
03	Sulphur Dioxide (SO2)	micro gm/m3	IS 5182 : Part 2 :2001 (Reaff.2012) (O)	80 24 HR.	6.3
04	Nitrogen Dioxide (NO2)	micro gm/m3	IS 5182 : Part 6 :2006 (Reaff.2012) (O)	80 24 HR.	26.6

Report Verified By

For Mitra S. K. Private Limited

Authorised Signatory

Mitra S. K. Private Limited

Above Punjab National Bank
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sknigam@mitrask.co.in

MSK TESTING • INSPECTION

TEST REPORT

Name & Address of Customer :

Prayagraj Power Generation Company Ltd.
Vill.: Khan Semra, Tehsil : Bara,
Dist.: Prayagraj
(Uttar Pradesh) [India]
(Pin Code - 212107)

Report No. : MSKGL/ED/2023-24/005275

Date : 13/03/2024
Job No : ED/AIR/KAT-2023/00026
Sample No. : MSKGL/ED/2023-24/02/00465
Reference No. & Date : 9200000102, Date - 24/05/2021

We hereby certify that the following sample Drawn by us has been analyzed with the following results:

1. Group	AIR
2. Description of sample	Ambient Air
3. Unique Identification of sample(if any)	**KAPARI VILLAGE**
4. Date of sampling	02/02/2024

Report No. : MSKGL/ED/2023-24/005275 **Sample No. : MSKGL/ED/2023-24/02/00465**

RESULT

Analysis Result of Ambient Air

Sl No.	Parameter	UOM	Method	Limit	Result
01	Particulate Matter (<10um)	micro gm/m3	IS 5182: Part 23:2006 (Reaff. 2012) (O)	100 24 HR.	59.2
02	Particulate Matter (<2.5um)	micro gm/m3	IS 5182 (PT-24),2019 (O)	60 24 HR.	28.4
03	Sulphur Dioxide (SO2)	micro gm/m3	IS 5182 : Part 2 :2001 (Reaff.2012) (O)	80 24 HR.	6.9
04	Nitrogen Dioxide (NO2)	micro gm/m3	IS 5182 : Part 6 :2006 (Reaff.2012) (O)	80 24 HR.	29.1

Report Verified By

For Mitra S. K. Private Limited

Authorised Signatory

Mitra S. K. Private Limited

TESTING • INSPECTION

Above Punjab National Bank
Maihar Road, NH-7, Kuthla,
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sknigam@mitrask.co.in

TEST REPORT

Name & Address of Customer :

Prayagraj Power Generation Company Ltd.
Vill.: Khan Semra, Tehsil : Bara,
Dist.: Prayagraj
(Uttar Pradesh) [India]
(Pin Code - 212107)

Report No. : MSKGL/ED/2023-24/005311

Date : 13/03/2024
Job No : ED/AIR/KAT-2023/00027
Sample No. : MSKGL/ED/2023-24/02/01221
Reference No. & Date : 9200000102, Date - 24/05/2021

We hereby certify that the following sample Drawn by us has been analyzed with the following results:

1. Group	AIR
2. Description of sample	Ambient Air
3. Unique Identification of sample(if any)	CHP AREA
4. Date of sampling	22/02/2024

Report No. : MSKGL/ED/2023-24/005311 **Sample No. :** MSKGL/ED/2023-24/02/01221

RESULT

Analysis Result of Ambient Air

Sl No.	Parameter	UOM	Method	Limit	Result
01	Particulate Matter (<10um)	micro gm/m3	IS 5182: Part 23:2006 (Reaff. 2012) (O)	100 24 HR.	73.8
02	Particulate Matter (<2.5um)	micro gm/m3	IS 5182 (PT-24),2019 (O)	60 24 HR.	39.1
03	Sulphur Dioxide (SO2)	micro gm/m3	IS 5182 : Part 2 :2001 (Reaff.2012) (O)	80 24 HR.	6.6
04	Nitrogen Dioxide (NO2)	micro gm/m3	IS 5182 : Part 6 :2006 (Reaff.2012) (O)	80 24 HR.	30.6

Report Verified By

For Mitra S. K. Private Limited

Authorised Signatory

Mitra S. K. Private Limited

Above Punjab National Bank
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TEST REPORT

Name & Address of Customer :

Prayagraj Power Generation Company Ltd.
Vill.: Khan Semra, Tehsil : Bara,
Dist.: Prayagraj
(Uttar Pradesh) [India]
(Pin Code - 212107)

Report No. : MSKGL/ED/2023-24/005312

Date : 13/03/2024
Job No : ED/AIR/KAT-2023/00027
Sample No. : MSKGL/ED/2023-24/02/01222
Reference No. & Date : 9200000102, Date - 24/05/2021

We hereby certify that the following sample Drawn by us has been analyzed with the following results:

1. Group	AIR
2. Description of sample	Ambient Air
3. Unique Identification of sample(if any)	FIRE STATION
4. Date of sampling	22/02/2024

Report No. : MSKGL/ED/2023-24/005312 **Sample No. :** MSKGL/ED/2023-24/02/01222

RESULT

Analysis Result of Ambient Air

Sl No.	Parameter	UOM	Method	Limit	Result
01	Particulate Matter (<10um)	micro gm/m3	IS 5182: Part 23:2006 (Reaff. 2012) (O)	100 24 HR.	84.5
02	Particulate Matter (<2.5um)	micro gm/m3	IS 5182 (PT-24),2019 (O)	60 24 HR.	44.8
03	Sulphur Dioxide (SO2)	micro gm/m3	IS 5182 : Part 2 :2001 (Reaff.2012) (O)	80 24 HR.	6.9
04	Nitrogen Dioxide (NO2)	micro gm/m3	IS 5182 : Part 6 :2006 (Reaff.2012) (O)	80 24 HR.	32.8

Report Verified By

For Mitra S. K. Private Limited

Authorised Signatory

Mitra S. K. Private Limited

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MSK TESTING • INSPECTION

TEST REPORT

Name & Address of Customer :

Prayagraj Power Generation Company Ltd.
Vill.: Khan Semra, Tehsil : Bara,
Dist.: Prayagraj
(Uttar Pradesh) [India]
(Pin Code : 212107)

Report No. : MSKGL/ED/2023-24/005313

Date : 13/03/2024
Job No : ED/AIR/KAT-2023/00027
Sample No. : MSKGL/ED/2023-24/02/01223
Reference No. & Date : 9200000102, Date - 24/05/2021

We hereby certify that the following sample Drawn by us has been analyzed with the following results:

1. Group	AIR
2. Description of sample	Ambient Air
3. Unique Identification of sample(if any)	HORTICULTURE
4. Date of sampling	22/02/2024

Report No. : MSKGL/ED/2023-24/005313 **Sample No. :** MSKGL/ED/2023-24/02/01223

RESULT

Analysis Result of Ambient Air

Sl No.	Parameter	UOM	Method	Limit	Result
01	Particulate Matter (<10um)	micro gm/m3	IS 5182: Part 23:2006 (Reaff. 2012) (O)	100 24 HR.	85.8
02	Particulate Matter (<2.5um)	micro gm/m3	IS 5182 (PT-24),2019 (O)	60 24 HR.	47.2
03	Sulphur Dioxide (SO2)	micro gm/m3	IS 5182 : Part 2 :2001 (Reaff.2012) (O)	80 24 HR.	6.9
04	Nitrogen Dioxide (NO2)	micro gm/m3	IS 5182 : Part 6 :2006 (Reaff.2012) (O)	80 24 HR.	42.2

Report Verified By

For Mitra S. K. Private Limited

Authorised Signatory

Mitra S. K. Private Limited

TESTING • INSPECTION

Above Punjab National Bank
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TEST REPORT

Name & Address of Customer :

Prayagraj Power Generation Company Ltd.
Vill.: Khan Semra, Tehsil : Bara,
Dist.: Prayagraj
(Uttar Pradesh) [India]
(Pin Code - 212107)

Report No. : MSKGL/ED/2023-24/005314

Date : 13/03/2024
Job No : ED/AIR/KAT-2023/00027
Sample No. : MSKGL/ED/2023-24/02/01224
Reference No. & Date : 9200000102, Date - 24/05/2021

We hereby certify that the following sample Drawn by us has been analyzed with the following results:

1. Group	AIR
2. Description of sample	Ambient Air
3. Unique Identification of sample(if any)	ITI COLLEGE
4. Date of sampling	22/02/2024

Report No. : MSKGL/ED/2023-24/005314 **Sample No. :** MSKGL/ED/2023-24/02/01224

RESULT

Analysis Result of Ambient Air

Sl No.	Parameter	UOM	Method	Limit	Result
01	Particulate Matter (<10um)	micro gm/m3	IS 5182: Part 23:2006 (Reaff. 2012) (O)	100 24 HR.	91.2
02	Particulate Matter (<2.5um)	micro gm/m3	IS 5182 (PT-24),2019 (O)	60 24 HR.	52.9
03	Sulphur Dioxide (SO2)	micro gm/m3	IS 5182 : Part 2 :2001 (Reaff.2012) (O)	80 24 HR.	10.8
04	Nitrogen Dioxide (NO2)	micro gm/m3	IS 5182 : Part 6 :2006 (Reaff.2012) (O)	80 24 HR.	51.6

Report Verified By

For Mitra S. K. Private Limited

Authorised Signatory

Mitra S. K. Private Limited

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sknigam@mitrask.co.in

TEST REPORT

Name & Address of Customer :

Prayagraj Power Generation Company Ltd.
Vill.: Khan Semra, Tehsil : Bara,
Dist.: Prayagraj
(Uttar Pradesh) [India]
(Pin Code - 212107)

Report No. : MSKGL/ED/2023-24/005315

Date : 13/03/2024
Job No : ED/AIR/KAT-2023/00027
Sample No. : MSKGL/ED/2023-24/02/01225
Reference No. & Date : 9200000102, Date - 24/05/2021

We hereby certify that the following sample Drawn by us has been analyzed with the following results:

1. Group	AIR
2. Description of sample	Ambient Air
3. Unique Identification of sample(if any)	LOHGARA VILLAGE
4. Date of sampling	23/02/2024

Report No. : MSKGL/ED/2023-24/005315 **Sample No. :** MSKGL/ED/2023-24/02/01225

RESULT

Analysis Result of Ambient Air

Sl No.	Parameter	UOM	Method	Limit	Result
01	Particulate Matter (<10um)	micro gm/m3	IS 5182: Part 23:2006 (Reaff. 2012)_(O)	100 24 HR.	68.3
02	Particulate Matter (<2.5um)	micro gm/m3	IS 5182 (PT-24),2019_(O)	60 24 HR.	32.4
03	Sulphur Dioxide (SO2)	micro gm/m3	IS 5182 : Part 2 :2001 (Reaff.2012) _(O)	80 24 HR.	BDL(DL:6.0)
04	Nitrogen Dioxide (NO2)	micro gm/m3	IS 5182 : Part 6 :2006 (Reaff.2012) _(O)	80 24 HR.	29.4

Report Verified By

For Mitra S. K. Private Limited

Authorised Signatory

Mitra S. K. Private Limited

TESTING • INSPECTION

Above Punjab National Bank
Maihar Road, NH-7, Kuthla,
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CIN: U51909WB1956PTC023037
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sknigam@mitrask.co.in

TEST REPORT

Name & Address of Customer :

Prayagraj Power Generation Company Ltd.
Vill.: Khan Semra, Tehsil : Bara,
Dist.: Prayagraj
(Uttar Pradesh) (India)
(Pin Code - 212107)

Report No. : MSKGL/ED/2023-24/005316

Date : 13/03/2024
Job No : ED/AIR/KAT-2023/00027
Sample No. : MSKGL/ED/2023-24/02/01226
Reference No. & Date : 9200000102, Date - 24/05/2021

We hereby certify that the following sample Drawn by us has been analyzed with the following results:

1. Group	AIR
2. Description of sample	Ambient Air
3. Unique identification of sample(if any)	**BEMARA VILLAGE**
4. Date of sampling	23/02/2024

Report No. : MSKGL/ED/2023-24/005316 **Sample No. :** MSKGL/ED/2023-24/02/01226

RESULT

Analysis Result of Ambient Air

Sl No.	Parameter	UOM	Method	Limit	Result
01	Particulate Matter (<10um)	micro gm/m3	IS 5182: Part 23:2006 (Reaff. 2012) (O)	100 24 HR.	58.4
02	Particulate Matter (<2.5um)	micro gm/m3	IS 5182 (PT-24).2019 (O)	60 24 HR.	32.4
03	Sulphur Dioxide (SO2)	micro gm/m3	IS 5182 : Part 2 :2001 (Reaff.2012) (O)	80 24 HR.	BDL(DL:6.0)
04	Nitrogen Dioxide (NO2)	micro gm/m3	IS 5182 : Part 6 :2006 (Reaff.2012) (O)	80 24 HR.	34.8

Report Verified By

For Mitra S. K. Private Limited

Authorised Signatory

Mitra S. K. Private Limited

Above Punjab National Bank
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TEST REPORT

Name & Address of Customer :

Pravagraj Power Generation Company Ltd.
Vill.: Khan Semra, Tehsil : Bara,
Dist.: Prayagraj
(Uttar Pradesh) [India]
(Pin Code - 212107)

Report No. : MSKGL/ED/2023-24/005317

Date : 13/03/2024
Job No : ED/AIR/KAT-2023/00027
Sample No. : MSKGL/ED/2023-24/02/01227
Reference No. & Date : 9200000102, Date - 24/05/2021

We hereby certify that the following sample Drawn by us has been analyzed with the following results:

1. Group	AIR
2. Description of sample	Ambient Air
3. Unique Identification of sample(if any)	KAPARI VILLAGE
4. Date of sampling	23/02/2024

Report No. : MSKGL/ED/2023-24/005317 **Sample No. :** MSKGL/ED/2023-24/02/01227

RESULT

Analysis Result of Ambient Air

Sl No.	Parameter	UOM	Method	Limit	Result
01	Particulate Matter (<10um)	micro gm/m3	IS 5182: Part 23:2006 (Reaff. 2012) (O)	100 24 HR.	74.3
02	Particulate Matter (<2.5um)	micro gm/m3	IS 5182 (PT-24),2019 (O)	60 24 HR.	44.2
03	Sulphur Dioxide (SO2)	micro gm/m3	IS 5182 : Part 2 :2001 (Reaff.2012) (O)	80 24 HR.	6.8
04	Nitrogen Dioxide (NO2)	micro gm/m3	IS 5182 : Part 6 :2006 (Reaff.2012) (O)	80 24 HR.	28.5

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For Mitra S. K. Private Limited

Authorised Signatory

Mitra S. K. Private Limited

TESTING • INSPECTION

Above Punjab National Bank
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TEST REPORT

Name & Address of Customer :

Prayagraj Power Generation Company Ltd.
Vill.: Khan Semra, Tehsil : Bara,
Dist.: Prayagraj
(Uttar Pradesh) [India]
(Pin Code - 212107)

Report No. : MSKGL/ED/2023-24/004505

Date : 05/02/2024
Job No : ED/AIR/KAT-2023/00023
Sample No. : MSKGL/ED/2023-24/01/00526
Reference No. & Date : 9200000102, Date - 24/05/2021

We hereby certify that the following sample Drawn by us has been analyzed with the following results:

1. Group	**AIR**
2. Description of sample	**Ambient Air**
3. Unique Identification of sample(if any)	**CHP AREA**
4. Date of sampling	01/01/2024

Report No. : MSKGL/ED/2023-24/004505 **Sample No. :** MSKGL/ED/2023-24/01/00526

RESULT

Analysis Result of Ambient Air

Sl No.	Parameter	UOM	Method	Limit	Result
01	Particulate Matter (<10um)	micro gm/m3	IS 5182: Part 23:2006 (Reaff. 2012)_(O)	100 24 HR.	91.8
02	Particulate Matter (<2.5um)	micro gm/m3	IS 5182 (PT-24),2019_(O)	60 24 HR.	48.8
03	Sulphur Dioxide (SO2)	micro gm/m3	IS 5182 : Part 2 :2001 (Reaff.2012) _(O)	80 24 HR.	12.4
04	Nitrogen Dioxide (NO2)	micro gm/m3	IS 5182 : Part 6 :2006 (Reaff.2012) _(O)	80 24 HR.	41.2

Report Verified By

For Mitra S. K. Private Limited

Authorised Signatory

Mitra S. K. Private Limited

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MSK TESTING • INSPECTION

TEST REPORT

Name & Address of Customer :

Prayagraj Power Generation Company Ltd.
Vill.: Khan Semra, Tehsil : Bara,
Dist.: Prayagraj
(Uttar Pradesh) [India]
(Pin Code - 212107)

Report No. : MSKGL/ED/2023-24/004506

Date : 05/02/2024
Job No : ED/AIR/KAT-2023/00023
Sample No. : MSKGL/ED/2023-24/01/00527
Reference No. & Date : 9200000102, Date - 24/05/2021

We hereby certify that the following sample Drawn by us has been analyzed with the following results:

1. Group	AIR
2. Description of sample	Ambient Air
3. Unique Identification of sample(if any)	FIRE STATION
4. Date of sampling	01/01/2024

Report No. : MSKGL/ED/2023-24/004506 **Sample No. :** MSKGL/ED/2023-24/01/00527

RESULT

Analysis Result of Ambient Air

Sl No.	Parameter	UOM	Method	Limit	Result
01	Particulate Matter (<10um)	micro gm/m3	IS 5182: Part 23:2006 (Reaff. 2012) (O)	100 24 HR.	85.8
02	Particulate Matter (<2.5um)	micro gm/m3	IS 5182 (PT-24),2019 (O)	60 24 HR.	49.3
03	Sulphur Dioxide (SO2)	micro gm/m3	IS 5182 : Part 2 :2001 (Reaff.2012) (O)	80 24 HR.	9.5
04	Nitrogen Dioxide (NO2)	micro gm/m3	IS 5182 : Part 6 :2006 (Reaff.2012) (O)	80 24 HR.	38.8

Report Verified By

For Mitra S. K. Private Limited

Authorised Signatory

Mitra S. K. Private Limited

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TEST REPORT

Name & Address of Customer :

Prayagraj Power Generation Company Ltd.
Vill.: Khan Semra, Tehsil : Bara,
Dist.: Prayagraj
(Uttar Pradesh) [India]
(Pin Code - 212107)

Report No. : MSKGL/ED/2023-24/004507

Date : 05/02/2024
Job No : ED/AIR/KAT-2023/00023
Sample No. : MSKGL/ED/2023-24/01/00528
Reference No. & Date : 9200000102, Date - 24/05/2021

We hereby certify that the following sample Drawn by us has been analyzed with the following results:

1. Group	AIR
2. Description of sample	Ambient Air
3. Unique Identification of sample(If any)	**HORTICULTURE**
4. Date of sampling	01/01/2024

Report No. : MSKGL/ED/2023-24/004507 **Sample No. :** MSKGL/ED/2023-24/01/00528

RESULT

Analysis Result of Ambient Air

Sl No.	Parameter	UOM	Method	Limit	Result
01	Particulate Matter (<10um)	micro gm/m3	IS 5182: Part 23:2006 (Reaff. 2012)_(O)	100 24 HR.	78.2
02	Particulate Matter (<2.5um)	micro gm/m3	IS 5182 (PT-24),2019_(O)	60 24 HR.	42.5
03	Sulphur Dioxide (SO2)	micro gm/m3	IS 5182 : Part 2 :2001 (Reaff.2012) _(O)	80 24 HR.	6.9
04	Nitrogen Dioxide (NO2)	micro gm/m3	IS 5182 : Part 6 :2006 (Reaff.2012) _(O)	80 24 HR.	40.2

Report Verified By

For Mitra S. K. Private Limited

Authorised Signatory

Mitra S. K. Private Limited

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TEST REPORT

Name & Address of Customer :

Prayagraj Power Generation Company Ltd.
Villa Khan Semra, Tehsil : Bara,
Dist.: Prayagraj
(Uttar Pradesh) [India]
(Pin Code - 212107)

Report No. : MSKGL/ED/2023-24/004508

Date : 05/02/2024
Job No : ED/AIR/KAT-2023/00023
Sample No. : MSKGL/ED/2023-24/01/00529
Reference No. & Date : 9200000102, Date - 24/05/2021

We hereby certify that the following sample Drawn by us has been analyzed with the following results:

1. Group	AIR
2. Description of sample	Ambient Air
3. Unique Identification of sample(if any)	ITI COLLEGE
4. Date of sampling	01/01/2024

Report No. : MSKGL/ED/2023-24/004508 **Sample No. :** MSKGL/ED/2023-24/01/00529

RESULT

Analysis Result of Ambient Air

Sl No.	Parameter	UOM	Method	Limit	Result
01	Particulate Matter (<10um)	micro gm/m3	IS 5182: Part 23:2006 (Reaff. 2012)_(O)	100 24 HR.	79.3
02	Particulate Matter (<2.5um)	micro gm/m3	IS 5182 (PT-24),2019_(O)	60 24 HR.	49.0
03	Sulphur Dioxide (SO2)	micro gm/m3	IS 5182 : Part 2 :2001 (Reaff.2012) _(O)	80 24 HR.	7.9
04	Nitrogen Dioxide (NO2)	micro gm/m3	IS 5182 : Part 6 :2006 (Reaff.2012) _(O)	80 24 HR.	38.8

Report Verified By

For Mitra S. K. Private Limited

Authorised Signatory

Mitra S. K. Private Limited

TESTING • INSPECTION

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TEST REPORT

Name & Address of Customer :

Prayagraj Power Generation Company Ltd.
Vill.: Khan Semra, Tehsil : Bara,
Dist.: Prayagraj
(Uttar Pradesh) [India]
(Pin Code - 212107)

Report No. : MSKGL/ED/2023-24/004509

Date : 05/02/2024
Job No : ED/AIR/KAT-2023/00023
Sample No. : MSKGL/ED/2023-24/01/00530
Reference No. & Date : 9200000102, Date - 24/05/2021

We hereby certify that the following sample Drawn by us has been analyzed with the following results:

1. Group	AIR
2. Description of sample	Ambient Air
3. Unique Identification of sample(if any)	**LOHGARA VILLAGE**
4. Date of sampling	02/01/2024

Report No. : MSKGL/ED/2023-24/004509 **Sample No. :** MSKGL/ED/2023-24/01/00530

RESULT

Analysis Result of Ambient Air

Sl No.	Parameter	UOM	Method	Limit	Result
01	Particulate Matter (<10um)	micro gm/m3	IS 5182: Part 23:2006 (Reaff. 2012) (O)	100 24 HR.	70.9
02	Particulate Matter (<2.5um)	micro gm/m3	IS 5182 (PT-24),2019 (O)	60 24 HR.	43.2
03	Sulphur Dioxide (SO2)	micro gm/m3	IS 5182 : Part 2 :2001 (Reaff.2012) (O)	80 24 HR.	7.2
04	Nitrogen Dioxide (NO2)	micro gm/m3	IS 5182 : Part 6 :2006 (Reaff.2012) (O)	80 24 HR.	30.2

Report Verified By

For Mitra S. K. Private Limited

Authorised Signatory

Mitra S. K. Private Limited

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TEST REPORT

Name & Address of Customer :

Prayagraj Power Generation Company Ltd.
Vill.: Khan Semra, Tehsil : Bara,
Dist.: Prayagraj
(Uttar Pradesh) [India]
(Pin Code : 212107)

Report No. : MSKGL/ED/2023-24/004510

Date : 05/02/2024
Job No : ED/AIR/KAT-2023/00023
Sample No. : MSKGL/ED/2023-24/01/00531
Reference No. & Date : 9200000102, Date - 24/05/2021

We hereby certify that the following sample Drawn by us has been analyzed with the following results:

1. Group	AIR
2. Description of sample	Ambient Air
3. Unique Identification of sample(if any)	BEMARA VILLAGE
4. Date of sampling	02/01/2024

Report No. : MSKGL/ED/2023-24/004510 **Sample No. :** MSKGL/ED/2023-24/01/00531

RESULT

Analysis Result of Ambient Air

Sl No.	Parameter	UOM	Method	Limit	Result
01	Particulate Matter (<10um)	micro gm/m3	IS 5182: Part 23:2006 (Reaff. 2012) (O)	100 24 HR.	65.7
02	Particulate Matter (<2.5um)	micro gm/m3	IS 5182 (PT-24),2019 (O)	60 24 HR.	35.8
03	Sulphur Dioxide (SO2)	micro gm/m3	IS 5182 : Part 2:2001 (Reaff.2012) (O)	80 24 HR.	6.8
04	Nitrogen Dioxide (NO2)	micro gm/m3	IS 5182 : Part 6:2006 (Reaff.2012) (O)	80 24 HR.	40.3

Report Verified By

For Mitra S. K. Private Limited

Authorised Signatory

Mitra S. K. Private Limited

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MSK TESTING • INSPECTION

TEST REPORT

Name & Address of Customer :

Prayagraj Power Generation Company Ltd.
Vill.: Khan Semra, Tehsil : Bara,
Dist.: Prayagraj
(Uttar Pradesh) (India)
(Pin Code - 212107)

Report No. : MSKGL/ED/2023-24/004511

Date : 05/02/2024
Job No : ED/AIR/KAT-2023/00023
Sample No. : MSKGL/ED/2023-24/01/00532
Reference No. & Date : 9200000102, Date - 24/05/2021

We hereby certify that the following sample Drawn by us has been analyzed with the following results:

1. Group	AIR
2. Description of sample	Ambient Air
3. Unique Identification of sample(if any)	**KAPARI VILLAGE**
4. Date of sampling	02/01/2024

Report No. : MSKGL/ED/2023-24/004511 **Sample No. :** MSKGL/ED/2023-24/01/00532

RESULT

Analysis Result of Ambient Air

Sl No.	Parameter	UOM	Method	Limit	Result
01	Particulate Matter (<10um)	micro gm/m3	IS 5182: Part 23:2006 (Reaff. 2012) (O)	100 24 HR.	72.3
02	Particulate Matter (<2.5um)	micro gm/m3	IS 5182 (PT-24):2019 (O)	60 24 HR.	35.2
03	Sulphur Dioxide (SO2)	micro gm/m3	IS 5182 : Part 2 :2001 (Reaff.2012) (O)	80 24 HR.	6.6
04	Nitrogen Dioxide (NO2)	micro gm/m3	IS 5182 : Part 6 :2006 (Reaff.2012) (O)	80 24 HR.	22.7

Report Verified By

For Mitra S. K. Private Limited

Authorised Signatory

Mitra S. K. Private Limited

TESTING • INSPECTION

Above Punjab National Bank
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TEST REPORT

Name & Address of Customer :

Prayagraj Power Generation Company Ltd.
Vill.: Khan Semra, Tehsil : Bara,
Dist.: Prayagraj
(Uttar Pradesh) [India]
(Pin Code - 212107)

Report No. : MSKGL/ED/2023-24/004566

Date : 05/02/2024
Job No : ED/AIR/KAT-2023/00024
Sample No. : MSKGL/ED/2023-24/01/01165
Reference No. & Date : 9200000102, Date - 24/05/2021

We hereby certify that the following sample Drawn by us has been analyzed with the following results:

1. Group	AIR
2. Description of sample	Ambient Air
3. Unique Identification of sample(if any)	CHP AREA
4. Date of sampling	22/01/2024

Report No. : MSKGL/ED/2023-24/004566 **Sample No. :** MSKGL/ED/2023-24/01/01165

RESULT

Analysis Result of Ambient Air

Sl No.	Parameter	UOM	Method	Limit	Result
01	Particulate Matter (<10um)	micro gm/m3	IS 5182: Part 23:2006 (Reaff. 2012) (O)	100 24 HR.	89.3
02	Particulate Matter (<2.5um)	micro gm/m3	IS 5182 (PT-24),2019 (O)	60 24 HR.	48.2
03	Sulphur Dioxide (SO2)	micro gm/m3	IS 5182 : Part 2 :2001 (Reaff.2012) (O)	80 24 HR.	10.3
04	Nitrogen Dioxide (NO2)	micro gm/m3	IS 5182 : Part 6 :2006 (Reaff.2012) (O)	80 24 HR.	51.6

Report Verified By

For Mitra S. K. Private Limited

Authorised Signatory

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sknigam@mitrask.co.in

TEST REPORT

Name & Address of Customer :

Prayagraj Power Generation Company Ltd.
Vill.: Khan Semra, Tehsil : Bara,
Dist.: Prayagraj
(Uttar Pradesh) [India]
(Pin Code - 212107)

Report No. : MSKGL/ED/2023-24/004567

Date : 05/02/2024
Job No : ED/AIR/KAT-2023/00024
Sample No. : MSKGL/ED/2023-24/01/01166
Reference No. & Date : 9200000102, Date - 24/05/2021

We hereby certify that the following sample Drawn by us has been analyzed with the following results:

1. Group	AIR
2. Description of sample	Ambient Air
3. Unique Identification of sample(if any)	FIRE STATION
4. Date of sampling	22/01/2024

Report No. : MSKGL/ED/2023-24/004567 **Sample No. :** MSKGL/ED/2023-24/01/01166

RESULT

Analysis Result of Ambient Air

Sl No.	Parameter	UOM	Method	Limit	Result
01	Particulate Matter (<10um)	micro gm/m3	IS 5182: Part 23:2006 (Reaff. 2012) (O)	100 24 HR.	86.4
02	Particulate Matter (<2.5um)	micro gm/m3	IS 5182 (PT-24):2019 (O)	60 24 HR.	45.5
03	Sulphur Dioxide (SO2)	micro gm/m3	IS 5182 : Part 2 :2001 (Reaff.2012) (O)	80 24 HR.	7.8
04	Nitrogen Dioxide (NO2)	micro gm/m3	IS 5182 : Part 6 :2006 (Reaff.2012) (O)	80 24 HR.	44.2

Report Verified By

For Mitra S. K. Private Limited

Authorised Signatory

Mitra S. K. Private Limited

TESTING • INSPECTION

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sknigam@mitrask.co.in

TEST REPORT

Name & Address of Customer :

Prayagraj Power Generation Company Ltd.
Vill.: Khan Semra, Tehsil : Bara,
Dist.: Prayagraj
(Uttar Pradesh) [India]
(Pin Code - 212107)

Report No. : MSKGL/ED/2023-24/004568

Date : 05/02/2024
Job No : ED/AIR/KAT-2023/00024
Sample No. : MSKGL/ED/2023-24/01/01167
Reference No. & Date : 9200000102, Date - 24/05/2021

We hereby certify that the following sample Drawn by us has been analyzed with the following results:

1. Group	AIR
2. Description of sample	Ambient Air
3. Unique Identification of sample(if any)	HORTICULTURE
4. Date of sampling	22/01/2024

Report No. : MSKGL/ED/2023-24/004568 **Sample No. :** MSKGL/ED/2023-24/01/01167

RESULT

Analysis Result of Ambient Air

Sl No.	Parameter	UOM	Method	Limit	Result
01	Particulate Matter (<10um)	micro gm/m3	IS 5182: Part 23:2006 (Reaff. 2012) (O)	100 24 HR.	73.5
02	Particulate Matter (<2.5um)	micro gm/m3	IS 5182 (PT-24):2019 (O)	60 24 HR.	32.4
03	Sulphur Dioxide (SO2)	micro gm/m3	IS 5182 : Part 2 :2001 (Reaff.2012) (O)	80 24 HR.	6.7
04	Nitrogen Dioxide (NO2)	micro gm/m3	IS 5182 : Part 6 :2006 (Reaff.2012) (O)	80 24 HR.	27.3

Report Verified By

For Mitra S. K. Private Limited

Authorised Signatory

Mitra S. K. Private Limited

TESTING • INSPECTION

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TEST REPORT

Name & Address of Customer :

Prayagraj Power Generation Company Ltd.
Vill.: Khan Semra, Tehsil : Bara,
Dist.: Prayagraj
(Uttar Pradesh) (India)
(Pin Code - 212107)

Report No. : MSKGL/ED/2023-24/004569

Date : 05/02/2024
Job No : ED/AIR/KAT-2023/00024
Sample No. : MSKGL/ED/2023-24/01/01168
Reference No. & Date : 9200000102, Date - 24/05/2021

We hereby certify that the following sample Drawn by us has been analyzed with the following results:

1. Group	AIR
2. Description of sample	Ambient Air
3. Unique Identification of sample(if any)	ITI COLLEGE
4. Date of sampling	22/01/2024

Report No. : MSKGL/ED/2023-24/004569 **Sample No. :** MSKGL/ED/2023-24/01/01168

RESULT

Analysis Result of Ambient Air

Sl No.	Parameter	UOM	Method	Limit	Result
01	Particulate Matter (<10um)	micro gm/m3	IS 5182: Part 23:2006 (Reaff. 2012) (O)	100 24 HR.	75.8
02	Particulate Matter (<2.5um)	micro gm/m3	IS 5182 (PT-24),2019 (O)	60 24 HR.	44.2
03	Sulphur Dioxide (SO2)	micro gm/m3	IS 5182 : Part 2 :2001 (Reaff.2012) (O)	80 24 HR.	7.2
04	Nitrogen Dioxide (NO2)	micro gm/m3	IS 5182 : Part 6 :2006 (Reaff.2012) (O)	80 24 HR.	30.5

Report Verified By

For Mitra S. K. Private Limited

Authorised Signatory

Mitra S. K. Private Limited

Above Punjab National Bank
Maihar Road, NH-7, Kuthla,
Katni – 483501 (M.P.)
CIN: U51909WB1956PTC023037
T : 07622 – 240651, 240919
E : prpattanaik@mitrask.co.in
sknigam@mitrask.co.in

TEST REPORT

Name & Address of Customer :

Prayagraj Power Generation Company Ltd.
Vill.: Khan Semra, Tehsil : Bara,
Dist.: Prayagraj
(Uttar Pradesh) (India)
(Pin Code - 212107)

Report No. : MSKGL/ED/2023-24/004570

Date : 05/02/2024
Job No : ED/AIR/KAT-2023/00024
Sample No. : MSKGL/ED/2023-24/01/01169
Reference No. & Date : 9200000102, Date - 24/05/2021

We hereby certify that the following sample Drawn by us has been analyzed with the following results:

1. Group	AIR
2. Description of sample	Ambient Air
3. Unique Identification of sample(if any)	**LOHGARA VILLAGE**
4. Date of sampling	23/01/2024

Report No. : MSKGL/ED/2023-24/004570 **Sample No. :** MSKGL/ED/2023-24/01/01169

RESULT

Analysis Result of Ambient Air

Sl No.	Parameter	UOM	Method	Limit	Result
01	Particulate Matter (<10um)	micro gm/m3	IS 5182: Part 23:2006 (Reaff. 2012) (O)	100 24 HR.	64.2
02	Particulate Matter (<2.5um)	micro gm/m3	IS 5182 (PT-24),2019 (O)	60 24 HR.	28.9
03	Sulphur Dioxide (SO2)	micro gm/m3	IS 5182 : Part 2 :2001 (Reaff.2012) (O)	80 24 HR.	7.0
04	Nitrogen Dioxide (NO2)	micro gm/m3	IS 5182 : Part 6 :2006 (Reaff.2012) (O)	80 24 HR.	19.8

Report Verified By

For Mitra S. K. Private Limited

Authorised Signatory

Mitra S. K. Private Limited

Above Punjab National Bank
Maihar Road, NH-7, Kuthla,
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sknigam@mitrask.co.in

TESTING • INSPECTION

TEST REPORT

Name & Address of Customer :

Prayagraj Power Generation Company Ltd.
Vill.: Khan Semra, Tehsil : Bara,
Dist.: Prayagraj
(Uttar Pradesh) [India]
[Pin Code - 212107]

Report No. : MSKGL/ED/2023-24/004571

Date : 05/02/2024
Job No : ED/AIR/KAT-2023/00024
Sample No. : MSKGL/ED/2023-24/01/01170
Reference No. & Date : 9200000102, Date - 24/05/2021

We hereby certify that the following sample Drawn by us has been analyzed with the following results:

1. Group	AIR
2. Description of sample	Ambient Air
3. Unique Identification of sample(if any)	BEMARA VILLAGE
4. Date of sampling	23/01/2024

Report No. : MSKGL/ED/2023-24/004571 **Sample No. :** MSKGL/ED/2023-24/01/01170

RESULT

Analysis Result of Ambient Air

Sl No.	Parameter	UOM	Method	Limit	Result
01	Particulate Matter (<10um)	micro gm/m3	IS 5182: Part 23:2006 (Reaff. 2012)_(O)	100 24 HR.	79.6
02	Particulate Matter (<2.5um)	micro gm/m3	IS 5182 (PT-24),2019_(O)	60 24 HR.	44.7
03	Sulphur Dioxide (SO2)	micro gm/m3	IS 5182 : Part 2 :2001 (Reaff.2012) _(O)	80 24 HR.	6.5
04	Nitrogen Dioxide (NO2)	micro gm/m3	IS 5182 : Part 6 :2006 (Reaff.2012) _(O)	80 24 HR.	27.4

Report Verified By

For Mitra S. K. Private Limited

Authorised Signatory

Mitra S. K. Private Limited

TESTING • INSPECTION

Above Punjab National Bank
Maihar Road, NH-7, Kuthla,
Katni – 483501 (M.P.)
CIN: U51909WB1956PTC023037
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sknigam@mitrask.co.in

TEST REPORT

Name & Address of Customer :

Prayagraj Power Generation Company Ltd.
Vill.: Khan Semra, Tehsil : Bara,
Dist.: Prayagraj
(Uttar Pradesh) [India]
[Pin Code - 212107]

Report No. : MSKGL/ED/2023-24/004572

Date : 05/02/2024
Job No : ED/AIR/KAT-2023/00024
Sample No. : MSKGL/ED/2023-24/01/01171
Reference No. & Date : 9200000102, Date - 24/05/2021

We hereby certify that the following sample Drawn by us has been analyzed with the following results:

1. Group	AIR
2. Description of sample	Ambient Air
3. Unique Identification of sample(if any)	KAPARI VILLAGE
4. Date of sampling	23/01/2024

Report No. : MSKGL/ED/2023-24/004572 **Sample No. :** MSKGL/ED/2023-24/01/01171

RESULT

Analysis Result of Ambient Air

Sl No.	Parameter	UOM	Method	Limit	Result
01	Particulate Matter (<10um)	micro gm/m3	IS 5182: Part 23:2006 (Reaff. 2012) (O)	100 24 HR.	79.8
02	Particulate Matter (<2.5um)	micro gm/m3	IS 5182 (PT-24),2019 (O)	60 24 HR.	38.5
03	Sulphur Dioxide (SO2)	micro gm/m3	IS 5182 : Part 2 :2001 (Reaff.2012) (O)	80 24 HR.	6.8
04	Nitrogen Dioxide (NO2)	micro gm/m3	IS 5182 : Part 6 :2006 (Reaff.2012) (O)	80 24 HR.	28.4

Report Verified By

For Mitra S. K. Private Limited

Authorised Signatory

Mitra S. K. Private Limited

Above Punjab National Bank
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sknigam@mitrask.co.in

TEST REPORT

Name & Address of Customer :

Prayagraj Power Generation Company Ltd.
Vill. Khairahara, Teh. & Dist.
Dist. Prayagraj
(Uttar Pradesh) [India]
(Pin Code - 212107)

Report No. : MSKGL/ED/2023-24/003995

Date : 02/01/2024
Job No : ED/AIR/KAT-2023/00022
Sample No. : MSKGL/ED/2023-24/12/01716
Reference No. & Date : 9200000102, Date - 24/05/2021

We hereby certify that the following sample Drawn by us has been analyzed with the following results:

1. Group	AIR
2. Description of sample	Ambient Air
3. Unique Identification of sample(If any)	CHP AREA
4. Date of sampling	04/12/2023

Report No. : MSKGL/ED/2023-24/003995 **Sample No. :** MSKGL/ED/2023-24/12/01716

RESULT

Analysis Result of Ambient Air

Sl No.	Parameter	UOM	Method	Limit	Result
01	Particulate Matter (<10um)	micro gm/m3	IS 5182: Part 23:2006 (Reaff. 2012) (O)	100 24 HR.	88.1
02	Particulate Matter (<2.5um)	micro gm/m3	IS 5182 (PT-24):2019 (O)	60 24 HR.	47.4
03	Sulphur Dioxide (SO2)	micro gm/m3	IS 5182 : Part 2 :2001 (Reaff.2012) (O)	80 24 HR.	12.9
04	Nitrogen Dioxide (NO2)	micro gm/m3	IS 5182 : Part 6 :2006 (Reaff.2012) (O)	80 24 HR.	47.6

Report Verified By

For Mitra S. K. Private Limited

Authorised Signatory

Mitra S. K. Private Limited

Above Punjab National Bank
Malhar Road, NH-7, Kuthla,
Katni – 483501 (M.P.)
CIN: U51909WB1956PTC023037
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sknigam@mitrask.co.in

TEST REPORT

Name & Address of Customer :

Pravagrah Power Generation Company Ltd.
Vill.: Khas Semra, Tehsil: Bara
Dist.: Pravagrah
(Uttar Pradesh) (India)
(Pin Code: 212107)

Report No. : MSKGL/ED/2023-24/003996

Date : 02/01/2024
Job No : ED/AIR/KAT-2023/00022
Sample No. : MSKGL/ED/2023-24/12/01717
Reference No. & Date : 9200000102, Date : 24/06/2023

We hereby certify that the following sample Drawn by us has been analyzed with the following results:

1. Group	AIR
2. Description of sample	Ambient Air
3. Unique Identification of sample(if any)	FIRE STATION
4. Date of sampling	04/12/2023

Report No. : MSKGL/ED/2023-24/003996 **Sample No. :** MSKGL/ED/2023-24/12/01717

RESULT

Analysis Result of Ambient Air

Sl No.	Parameter	UOM	Method	Limit	Result
01	Particulate Matter (<10um)	micro gm/m3	IS 5182: Part 23:2006 (Reaff. 2012) (O)	100 24 HR.	75.9
02	Particulate Matter (<2.5um)	micro gm/m3	IS 5182 (PT-24):2019 (O)	60 24 HR.	38.6
03	Sulphur Dioxide (SO2)	micro gm/m3	IS 5182 : Part 2 :2001 (Reaff.2012) (O)	80 24 HR.	6.9
04	Nitrogen Dioxide (NO2)	micro gm/m3	IS 5182 : Part 6 :2006 (Reaff.2012) (O)	80 24 HR.	29.1

Report Verified By

For Mitra S. K. Private Limited

Authorised Signatory

Mitra S. K. Private Limited

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MSK TESTING • INSPECTION

TEST REPORT

Name & Address of Customer :

Pratagrai Power Generation Company Ltd.
Vill. Khoh Semra, Tehsil - Hata
Distt. Pratagrai
(Uttar Pradesh) (India)
Pin Code - 212601

Report No. : MSKGL/ED/2023-24/003998

Date : 02/01/2024
Job No : ED/AIR/KAT-2023/00022
Sample No. : MSKGL/ED/2023-24/12/01719
Reference No. & Date : 9200000102, Date - 24/05/2021

We hereby certify that the following sample Drawn by us has been analyzed with the following results:

1. Group	AIR
2. Description of sample	Ambient Air
3. Unique Identification of sample(if any)	ITI COLLEGE
4. Date of sampling	04/12/2023

Report No. : MSKGL/ED/2023-24/003998 **Sample No. :** MSKGL/ED/2023-24/12/01719

RESULT

Analysis Result of Ambient Air

Sl No.	Parameter	UOM	Method	Limit	Result
01	Particulate Matter (<10um)	micro gm/m3	IS 5182: Part 23:2006 (Reaff. 2012) (O)	100 24 HR.	78.4
02	Particulate Matter (<2.5um)	micro gm/m3	IS 5182 (PT-24):2019 (O)	60 24 HR.	40.3
03	Sulphur Dioxide (SO2)	micro gm/m3	IS 5182 : Part 2 :2001 (Reaff.2012) (O)	80 24 HR.	8.4
04	Nitrogen Dioxide (NO2)	micro gm/m3	IS 5182 : Part 6 :2006 (Reaff.2012) (O)	80 24 HR.	35.7

Report Verified By

For Mitra S. K. Private Limited

Authorised Signatory

Mitra S. K. Private Limited

Above Punjab National Bank
Malhar Road, NH-7, Kuthla,
Katni – 483501 (M.P.)
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TEST REPORT

Name & Address of Customer :

Prayagraj Power Generation Company Ltd.
Village Sarai, Tehsil Bara
Distt. Prayagraj
(Uttar Pradesh) (India)
(Pin Code - 212107)

Report No. : MSKGL/ED/2023-24/003997

Date : 02/01/2024
Job No : ED/AIR/KAT-2023/00022
Sample No. : MSKGL/ED/2023-24/12/01718
Reference No. & Date : 9200000102, Date : 24/05/2021

We hereby certify that the following sample Drawn by us has been analyzed with the following results:

1. Group	AIR
2. Description of sample	Ambient Air
3. Unique Identification of sample(if any)	HORTICULTURE
4. Date of sampling	04/12/2023

Report No. : MSKGL/ED/2023-24/003997 **Sample No. :** MSKGL/ED/2023-24/12/01718

RESULT

Analysis Result of Ambient Air

Sl No.	Parameter	UOM	Method	Limit	Result
01	Particulate Matter (<10um)	micro gm/m3	IS 5182: Part 23:2006 (Reaff. 2012) [O]	100 24 HR.	73.2
02	Particulate Matter (<2.5um)	micro gm/m3	IS 5182 (PT-24):2019 [O]	60 24 HR.	37.9
03	Sulphur Dioxide (SO2)	micro gm/m3	IS 5182 : Part 2 :2001 (Reaff.2012) [O]	80 24 HR.	<6.0
04	Nitrogen Dioxide (NO2)	micro gm/m3	IS 5182 : Part 6 :2006 (Reaff 2012) [O]	80 24 HR.	22.4

Report Verified By

For Mitra S. K. Private Limited

Authorised Signatory

Mitra S. K. Private Limited

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MSK TESTING • INSPECTION

TEST REPORT

Name & Address of Customer :

Prayagraj Power Generation Company Ltd.
Vill.: Khan Semra, Tehsil : Bara,
Dist.: Prayagraj
(Uttar Pradesh) [India]
(Pincode : 212107)

Report No. : MSKGL/ED/2023-24/004001

Date : 02/01/2024
Job No : ED/AIR/KAT-2023/00022
Sample No. : MSKGL/ED/2023-24/12/01722
Reference No. & Date : 9200000102 Date : 24/05/2023

We hereby certify that the following sample Drawn by us has been analyzed with the following results:

1. Group	AIR
2. Description of sample	Ambient Air
3. Unique Identification of sample(if any)	KAPARI VILLAGE
4. Date of sampling	05/12/2023

Report No. : MSKGL/ED/2023-24/004001 **Sample No. :** MSKGL/ED/2023-24/12/01722

RESULT

Analysis Result of Ambient Air

Sl No.	Parameter	UOM	Method	Limit	Result
01	Particulate Matter (<10um)	micro gm/m3	IS 5182: Part 23:2006 (Reaff. 2012) (O)	100 24 HR.	79.2
02	Particulate Matter (<2.5um)	micro gm/m3	IS 5182 (PT-24):2019 (O)	60 24 HR.	43.8
03	Sulphur Dioxide (SO2)	micro gm/m3	IS 5182 : Part 2 :2001 (Reaff.2012) (O)	80 24 HR.	9.1
04	Nitrogen Dioxide (NO2)	micro gm/m3	IS 5182 : Part 6 :2006 (Reaff.2012) (O)	80 24 HR.	38.1

Report Verified By

For Mitra S. K. Private Limited

Authorised Signatory

Mitra S. K. Private Limited

TESTING • INSPECTION

Above Punjab National Bank
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TEST REPORT

Name & Address of Customer :

Prayagraj Power Generation Company Ltd
Vill: Kilan Semra, Tehsil : Bara,
Dist : Prayagraj
(Uttar Pradesh) [India]
(Pin Code - 212107)

Report No. : MSKGL/ED/2023-24/004000

Date : 02/01/2024
Job No : ED/AIR/KAT-2023/00022
Sample No. : MSKGL/ED/2023-24/12/01721
Reference No. & Date : 9200000102 Date - 21/05/2021

We hereby certify that the following sample Drawn by us has been analyzed with the following results:

1. Group	AIR
2. Description of sample	Ambient Air
3. Unique Identification of sample(if any)	BEMARA VILLAGE
4. Date of sampling	05/12/2023

Report No. : MSKGL/ED/2023-24/004000 **Sample No. :** MSKGL/ED/2023-24/12/01721

RESULT

Analysis Result of Ambient Air

Sl No.	Parameter	UOM	Method	Limit	Result
01	Particulate Matter (<10um)	micro gm/m3	IS 5182: Part 23:2006 (Reaff. 2012) (O)	100 24 HR.	86.1
02	Particulate Matter (<2.5um)	micro gm/m3	IS 5182 (PT-24):2019 (O)	60 24 HR.	42.3
03	Sulphur Dioxide (SO2)	micro gm/m3	IS 5182 : Part 2 :2001 (Reaff.2012) (O)	80 24 HR.	7.8
04	Nitrogen Dioxide (NO2)	micro gm/m3	IS 5182 : Part 6 :2006 (Reaff.2012) (O)	80 24 HR.	26.6

Report Verified By

For Mitra S. K. Private Limited

Authorised Signatory

Mitra S. K. Private Limited

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TESTING • INSPECTION

TEST REPORT

Name & Address of Customer :

Prayagraj Power Generation Company Ltd.
Vill. Jasra Sewra, Tehsil : Bara,
Dist. Prayagraj
(Uttar Pradesh) [India]
[Pin Code - 212107]

Report No. : MSKGL/ED/2023-24/004037

Date : 02/01/2024
Job No : ED/AIR/KAT-2023/00022
Sample No. : MSKGL/ED/2023-24/12/01758
Reference No. & Date : 9200000102, Date - 24/05/2021

We hereby certify that the following sample Drawn by us has been analyzed with the following results:

1. Group	AIR
2. Description of sample	Ambient Air
3. Unique Identification of sample(if any)	CHP AREA
4. Date of sampling	28/12/2023

Report No. : MSKGL/ED/2023-24/004037 **Sample No. :** MSKGL/ED/2023-24/12/01758

RESULT

Analysis Result of Ambient Air

Sl No.	Parameter	UOM	Method	Limit	Result
01	Particulate Matter (<10um)	micro gm/m3	IS 5182: Part 23:2006 (Reaff. 2012) (O)	100 24 HR	95.4
02	Particulate Matter (<2.5um)	micro gm/m3	IS 5182 (PT-24):2019 (O)	60 24 HR	54.9
03	Sulphur Dioxide (SO2)	micro gm/m3	IS 5182 : Part 2 :2001 (Reaff.2012) (O)	80 24 HR	13.6
04	Nitrogen Dioxide (NO2)	micro gm/m3	IS 5182 : Part 6 :2006 (Reaff.2012) (O)	80 24 HR	48.4

Report Verified By

For Mitra S. K. Private Limited

Authorised Signatory

Mitra S. K. Private Limited

Above Punjab National Bank
Malhar Road, NH-7, Kuthla,
Katni – 483501 (M.P.)
CIN: U51909WB1956PTC023037
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E : prpattanaik@mitrask.co.in
skrigam@mitrask.co.in

TEST REPORT

Name & Address of Customer :

Prayagraj Power Generation Company Ltd.
Vill.: Khan Semra, Tehsil: Bara,
Dist.: Prayagraj
(Uttar Pradesh) (India)
(Pin Code - 212107)

Report No. : MSKGL/ED/2023-24/004038

Date : 02/01/2024
Job No : ED/AIR/KAT-2023/00022
Sample No. : MSKGL/ED/2023-24/12/01759
Reference No. & Date : 92000003102, Date - 24/05/2021

We hereby certify that the following sample Drawn by us has been analyzed with the following results:

1. Group	AIR
2. Description of sample	Ambient Air
3. Unique Identification of sample(if any)	FIRE STATION
4. Date of sampling	28/12/2023

Report No. : MSKGL/ED/2023-24/004038 **Sample No. :** MSKGL/ED/2023-24/12/01759

RESULT

Analysis Result of Ambient Air

Sl No.	Parameter	UOM	Method	Limit	Result
01	Particulate Matter (<10um)	micro gm/m3	IS 5182: Part 23:2006 (Reaff. 2012) (O)	100 24 HR.	69.8
02	Particulate Matter (<2.5um)	micro gm/m3	IS 5182 (PT-24),2019 (O)	60 24 HR.	39.3
03	Sulphur Dioxide (SO2)	micro gm/m3	IS 5182 : Part 2 :2001 (Reaff.2012) (O)	80 24 HR.	7.4
04	Nitrogen Dioxide (NO2)	micro gm/m3	IS 5182 : Part 6 :2006 (Reaff.2012) (O)	80 24 HR.	31.6

Report Verified By

For Mitra S. K. Private Limited

Authorised Signatory

Mitra S. K. Private Limited

Above Punjab National Bank
Maihar Road, NH-7, Kuthia,
Katni – 483501 (M.P.)
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sknigam@mitrask.co.in

MSK TESTING • INSPECTION

TEST REPORT

Name & Address of Customer :

Prayagraj Power Generation Company Ltd.
Vill.: Khan Semra, Tehsil : Bara,
Dist.: Prayagraj
(Uttar Pradesh) (India)
(Pin Code - 212107)

Report No. : MSKGL/ED/2023-24/004040

Date : 02/01/2024
Job No : ED/AIR/KAT-2023/00022
Sample No. : MSKGL/ED/2023-24/12/01761
Reference No. & Date : 9200000102, Date - 24/05/2021

We hereby cerufy that the following sample Drawn by us has been analyzed with the following results:

1. Group	AIR
2. Description of sample	Ambient Air
3. Unique Identification of sample(if any)	ITI COLLEGE
4. Date of sampling	28/12/2023

Report No. : MSKGL/ED/2023-24/004040 **Sample No. :** MSKGL/ED/2023-24/12/01761

RESULT

Analysis Result of Ambient Air

Sl No.	Parameter	UOM	Method	Limit	Result
01	Particulate Matter (<10um)	micro gm/m3	IS 5182: Part 23:2006 (Reaff. 2012) (O)	100 24 HR.	62.1
02	Particulate Matter (<2.5um)	micro gm/m3	IS 5182 (PT-24),2019 (O)	60 24 HR.	38.3
03	Sulphur Dioxide (SO2)	micro gm/m3	IS 5182 : Part 2 :2001 (Reaff.2012) (O)	80 24 HR.	8.7
04	Nitrogen Dioxide (NO2)	micro gm/m3	IS 5182 : Part 6 :2006 (Reaff.2012) (O)	80 24 HR.	40.4

Report Verified By

For Mitra S. K. Private Limited

Authorised Signatory

Mitra S. K. Private Limited

Above Punjab National Bank
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MSK TESTING • INSPECTION

TEST REPORT

Name & Address of Customer :

Pravagraj Power Generation Company Ltd.
Village Kuwa Semra, Tehsil - Bara,
Distt. Prayagraj,
(Uttar Pradesh) (India)
PIN Code - 212107

Report No. : MSKGL/ED/2023-24/004039

Date : 02/01/2024
Job No : ED/AIR/KAT-2023/00022
Sample No. : MSKGL/ED/2023-24/12/01760
Reference No. & Date : 9200000102, Date - 24/05/2021

We hereby certify that the following sample Drawn by us has been analyzed with the following results:

1. Group	AIR
2. Description of sample	Ambient Air
3. Unique Identification of sample(if any)	HORTICULTURE
4. Date of sampling	28/12/2023

Report No. : MSKGL/ED/2023-24/004039 **Sample No. :** MSKGL/ED/2023-24/12/01760

RESULT

Analysis Result of Ambient Air

Sl No.	Parameter	UOM	Method	Limit	Result
01	Particulate Matter (<10um)	micro gm/m3	IS 5182: Part 23:2006 (Reaff. 2012) (O)	100 24 HR.	63.6
02	Particulate Matter (<2.5um)	micro gm/m3	IS 5182 (PT-24):2019 (O)	60 24 HR.	33.5
03	Sulphur Dioxide (SO2)	micro gm/m3	IS 5182 : Part 2 :2001 (Reaff.2012) (O)	80 24 HR.	6.9
04	Nitrogen Dioxide (NO2)	micro gm/m3	IS 5182 : Part 6 :2006 (Reaff.2012) (O)	80 24 HR.	28.2

Report Verified By

For Mitra S. K. Private Limited

Authorised Signatory

Mitra S. K. Private Limited

Above Punjab National Bank
Malhar Road, NH-7, Kuthla,
Katni – 483501 (M.P.)
CIN: U51909WB1956PTC023037
T : 07622 – 240651, 240919
E : pnaitanaik@mitrask.co.in
skngam@mitrask.co.in

MSK TESTING • INSPECTION

TEST REPORT

Name & Address of Customer :

[Illegible] Power Generation Company Ltd
[Illegible]
[Illegible]
[Illegible]

Report No. : MSKGL/ED/2023-24/004043

Date : 02/01/2024
Job No : ED/AIR/KAT-2023/00022
Sample No. : MSKGL/ED/2023-24/12/01764
Reference No. & Date : 9200000102, Date - 24/05/2023

We hereby certify that the following sample Drawn by us has been analyzed with the following results:

1. Group	AIR
2. Description of sample	Ambient Air
3. Unique Identification of sample(if any)	KAPARI VILLAGE
4. Date of sampling	29/12/2023

Report No. : MSKGL/ED/2023-24/004043 **Sample No. :** MSKGL/ED/2023-24/12/01764

RESULT

Analysis Result of Ambient Air

Sl No.	Parameter	UOM	Method	Limit	Result
01	Particulate Matter (<10um)	micro gm/m3	IS 5182: Part 23:2006 (Reaff. 2012) (O)	100 24 HR.	83.6
02	Particulate Matter (<2.5um)	micro gm/m3	IS 5182 (PT-24):2019 (O)	60 24 HR.	44.7
03	Sulphur Dioxide (SO2)	micro gm/m3	IS 5182 : Part 2 :2001 (Reaff.2012) (O)	80 24 HR.	8.6
04	Nitrogen Dioxide (NO2)	micro gm/m3	IS 5182 : Part 6 :2006 (Reaff.2012) (O)	80 24 HR.	35.3

Report Verified By

For Mitra S. K. Private Limited

Authorised Signatory

Mitra S. K. Private Limited

Above Punjab National Bank
Maihar Road, NH-7, Kuthla,
Katni – 483501 (M.P.)
CIN: U51909WB1956PTC023037
T : 07622 – 240651, 240919
E : prpattanaik@mitrask.co.in
sknigam@mitrask.co.in

MSK TESTING • INSPECTION

TEST REPORT

Name & Address of Customer :

Prayagraj Power Generation Company Ltd.
Vill.: Khan Semra, Tehsil : Bara,
Distt. Prayagraj
(Uttar Pradesh) [India]
[Pin Code - 212 107]

Report No. : MSKGL/ED/2023-24/004042

Date : 02/01/2024
Job No : ED/AIR/KAT-2023/00022
Sample No. : MSKGL/ED/2023-24/12/01763
Reference No. & Date : 9200000102, Date - 24/05/2021

We hereby certify that the following sample Drawn by us has been analyzed with the following results:

1. Group	AIR
2. Description of sample	Ambient Air
3. Unique Identification of sample(if any)	BEMARA VILLAGE
4. Date of sampling	29/12/2023

Report No. : MSKGL/ED/2023-24/004042 **Sample No. :** MSKGL/ED/2023-24/12/01763

RESULT

Analysis Result of Ambient Air

Sl No.	Parameter	UOM	Method	Limit	Result
01	Particulate Matter (<10um)	micro gm/m3	IS 5182: Part 23:2006 (Reaff. 2012) (O)	100 24 HR.	89.3
02	Particulate Matter (<2.5um)	micro gm/m3	IS 5182 (PT-24):2019 (O)	60 24 HR.	47.9
03	Sulphur Dioxide (SO2)	micro gm/m3	IS 5182 : Part 2 :2001 (Reaff.2012) (O)	80 24 HR.	9.9
04	Nitrogen Dioxide (NO2)	micro gm/m3	IS 5182 : Part 6 :2006 (Reaff.2012) (O)	80 24 HR.	42.8

Report Verified By

For Mitra S. K. Private Limited

Authorised Signatory

Mitra S. K. Private Limited

Above Punjab National Bank
Maihar Road, NH-7, Kuthla,
Katni – 483501 (M.P.)
CIN: U51909WB1956PTC023037
T : 07622 – 240661, 240919
E : prpattanaik@mitrask.co.in
sknigam@mitrask.co.in

TEST REPORT

Name & Address of Customer :

Prayagraj Power Generation Company Ltd
Vill.: Khan Seora, Tehsil: Bara
Dist.: Prayagraj
(Uttar Pradesh) [India]
[Pin Code : 212107]

Report No. : MSKGL/ED/2023-24/004041

Date : 02/01/2024
Job No : ED/AIR/KAT-2023/00022
Sample No. : MSKGL/ED/2023-24/12/01762
Reference No. & Date : 9200000102 Date : 24/05/2021

We hereby certify that the following sample Drawn by us has been analyzed with the following results:

1. Group	AIR
2. Description of sample	Ambient Air
3. Unique Identification of sample(if any)	LOHGARA VILLAGE
4. Date of sampling	29/12/2023

Report No. : MSKGL/ED/2023-24/004041 **Sample No. :** MSKGL/ED/2023-24/12/01762

RESULT

Analysis Result of Ambient Air

Sl No.	Parameter	UOM	Method	Limit	Result
01	Particulate Matter (<10um)	micro gm/m3	IS 5182: Part 23:2006 (Reaff. 2012) (O)	100 24 HR.	88.8
02	Particulate Matter (<2.5um)	micro gm/m3	IS 5182 (PT-24):2019 (O)	60 24 HR.	51.7
03	Sulphur Dioxide (SO2)	micro gm/m3	IS 5182 : Part 2 :2001 (Reaff.2012) (O)	80 24 HR.	9.2
04	Nitrogen Dioxide (NO2)	micro gm/m3	IS 5182 : Part 6 :2006 (Reaff.2012) (O)	80 24 HR.	38.1

Report Verified By

For Mitra S. K. Private Limited

Authorised Signatory

tra S. K. Private Limited

e Punjab National Bank
ar Road, NH-7, Kuthla,
– 483501 (M.P.)
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)7622 – 240651, 240919
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iknigam@mitrask.co.in

MSK TESTING • INSPECTION

TEST REPORT

e & Address of Customer :

agraj Power Generation Company Ltd.
Jhan Semra, Tehsil : Bara,
Prayagraj
Pradesh) (India)
ode - 212107)

Report No. : MSKGL/ED/2023-24/003675

Date : 03/12/2023
Job No : ED/AIR/KAT-2023/00019
Sample No. : MSKGL/ED/2023-24/11/00919
Reference No. & Date : 9200000102, Date - 24/05/2021

rtify that the following sample Drawn by us has been analyzed with the following results:

	AIR
ion of sample	Ambient Air
Identification of sample(if any)	CHP AREA
sampling	02/11/2023

port No. : MSKGL/ED/2023-24/003675 **Sample No. :** MSKGL/ED/2023-24/11/00919

RESULT

: Result of Ambient Air

Parameter	UOM	Method	Limit	Result
Particulate Matter (<10um)	micro gm/m3	IS 5182: Part 23:2006 (Reaff. 2012) (O)	100 24 HR.	91.6
Particulate Matter (<2.5um)	micro gm/m3	IS 5182 (PT-24):2019 (O)	60 24 HR.	47.4
Sulphur Dioxide (SO2)	micro gm/m3	IS 5182 : Part 2 :2001 (Reaff.2012) (O)	80 24 HR.	8.6
Nitrogen Dioxide (NO2)	micro gm/m3	IS 5182 : Part 6 :2006 (Reaff.2012) (O)	80 24 HR.	37.6

port Verified By

For Mitra S. K. Private Limited

Authorised Signatory

litra S. K. Private Limited

ove Punjab National Bank
aihar Road, NH-7, Kuthla,
atni – 483501 (M.P.)
N: U51909WB1956PTC023037
07622 – 240651, 240919
prpattanaik@mitrask.co.in
sknigam@mitrask.co.in

TEST REPORT

me & Address of Customer :

ayagraj Power Generation Company Ltd.
: Khan Semra, Tehsil : Bara,
t : Prayagraj
tar Pradesh) [India]
n Code - 212107)

Report No. : MSKGL/ED/2023-24/003677

Date : 03/12/2023
Job No : ED/AIR/KAT-2023/00019
Sample No. : MSKGL/ED/2023-24/11/00920
Reference No. & Date : 9200000102, Date - 24/05/2021

by certify that the following sample Drawn by us has been analyzed with the following results:

ıp	AIR
ription of sample	Ambient Air
ue identification of sample(if any)	FIRE STATION
e of sampling	02/11/2023

Report No. : MSKGL/ED/2023-24/003677 **Sample No. :** MSKGL/ED/2023-24/11/00920

RESULT

ysis Result of Ambient Air

lo.	Parameter	UOM	Method	Limit	Result
1	Particulate Matter (<10um)	micro gm/m3	IS 5182: Part 23:2006 (Reaff. 2012) (O)	100 24 HR.	88.1
2	Particulate Matter (<2.5um)	micro gm/m3	IS 5182 (PT-24),2019 (O)	60 24 HR.	38.6
	Sulphur Dioxide (SO2)	micro gm/m3	IS 5182 : Part 2 :2001 (Reaff.2012) (O)	80 24 HR.	9.4
	Nitrogen Dioxide (NO2)	micro gm/m3	IS 5182 : Part 6 :2006 (Reaff.2012) (O)	80 24 HR.	28.1

Report Verified By

For Mitra S. K. Private Limited

Authorised Signatory

Mitra S. K. Private Limited

Above Punjab National Bank
Meihar Road, NH-7, Kuthia,
Katni – 483501 (M.P.)
CIN: U51909WB1956PTC023037
T : 07622 – 240651, 240919
E : prpattanaik@mitrask.co.in
sknigam@mitrask.co.in

TEST REPORT

ame & Address of Customer :

ayagraj Power Generation Company Ltd.
l.: Khan Semra, Tehsil : Bara,
st.: Prayagraj
ttar Pradesh) (India)
in Code - 212107)

Report No. : MSKGL/ED/2023-24/003678

Date : 03/12/2023
Job No : ED/AIR/KAT-2023/00019
Sample No. : MSKGL/ED/2023-24/11/00921
Reference No. & Date : 9200000102, Date - 24/05/2021

y that the following sample Drawn by us has been analyzed with the following results:

ıp	AIR
:ription of sample	Ambient Air
ıue Identification of sample(if any)	HORTICULTURE
: of sampling	02/11/2023

Report No. : MSKGL/ED/2023-24/003678 **Sample No. :** MSKGL/ED/2023-24/11/00921

RESULT

sis Result of Ambient Air

Parameter	UOM	Method	Limit	Result
Particulate Matter (<10um)	micro gm/m3	IS 5182: Part 23:2006 (Reaff. 2012) (O)	100 24 HR.	62.7
Particulate Matter (<2.5um)	micro gm/m3	IS 5182 (PT-24),2019 (O)	60 24 HR.	35.4
Sulphur Dioxide (SO2)	micro gm/m3	IS 5182 : Part 2 :2001 (Reaff.2012) (O)	80 24 HR.	6.6
Nitrogen Dioxide (NO2)	micro gm/m3	IS 5182 : Part 6 :2006 (Reaff.2012) (O)	80 24 HR.	27.3

eport Verified By

For Mitra S. K. Private Limited

Authorised Signatory

itra S. K. Private Limited

ve Punjab National Bank
har Road, NH-7, Kuthla
ii – 483501 (M.P.)
: U51909WB1956PTC023037
07622 – 240651, 240919
prpattanaik@mitrask.co.in
sknigam@mitrask.co.in

TESTING & INSPECTION

TEST REPORT

e & Address of Customer :

agraj Power Generation Company Ltd.
Chan Semra, Tehsil : Bara,
Prayagraj
Pradesh) [India]
Code - 212107]

Report No. : MSKGL/ED/2023-24/003679

Date : 03/12/2023
Job No : ED/AIR/KAT-2023/00019
Sample No. : MSKGL/ED/2023-24/11/00922
Reference No. & Date : 9200000102, Date - 24/05/2021

rtify that the following sample Drawn by us has been analyzed with the following results:

	AIR
ion of sample	Ambient Air
dentification of sample(if any)	ITI COLLEGE
sampling	02/11/2023

port No. : MSKGL/ED/2023-24/003679 **Sample No. :** MSKGL/ED/2023-24/11/00922

RESULT

Result of Ambient Air

Parameter	UOM	Method	Limit	Result
Particulate Matter (<10um)	micro gm/m3	IS 5182: Part 23:2006 (Reaff. 2012) (O)	100 24 HR.	73.4
Particulate Matter (<2.5um)	micro gm/m3	IS 5182 (PT-24),2019 (O)	60 24 HR.	35.1
Sulphur Dioxide (SO2)	micro gm/m3	IS 5182 : Part 2 :2001 (Reaff.2012) (O)	80 24 HR.	7.1
Nitrogen Dioxide (NO2)	micro gm/m3	IS 5182 : Part 6 :2006 (Reaff.2012) (O)	80 24 HR.	31.6

ort Verified By

For Mitra S. K. Private Limited

Authorised Signatory

itra S. K. Private Limited

ve Punjab National Bank
har Road, NH-7, Kuthla,
hi – 483501 (M.P.)
: U51909WB1956PTC023037
07622 – 240651, 240919
prpattanaik@mitrask.co.in
sknigam@mitrask.co.in

TEST REPORT

ne & Address of Customer :

agraj Power Generation Company Ltd.
Khan Semra, Tehsil : Bara,
Prayagraj
r Pradesh) [India]
Code - 212107]

Report No. : MSKGL/ED/2023-24/003680

Date : 03/12/2023
Job No : ED/AIR/KAT-2023/00019
Sample No. : MSKGL/ED/2023-24/11/00923
Reference No. & Date : 9200000102, Date - 24/05/2021

ertify that the following sample Drawn by us has been analyzed with the following results:

	AIR
tion of sample	Ambient Air
identification of sample(if any)	LOHGARA VILLAGE
sampling	03/11/2023

port No. : MSKGL/ED/2023-24/003680 **Sample No. :** MSKGL/ED/2023-24/11/00923

RESULT

s Result of Ambient Air

Parameter	UOM	Method	Limit	Result
Particulate Matter (<10um)	micro gm/m3	IS 5182: Part 23:2006 (Reaff. 2012) (O)	100 24 HR.	66.1
Particulate Matter (<2.5um)	micro gm/m3	IS 5182 (PT-24):2019 (O)	60 24 HR.	28.7
Sulphur Dioxide (SO2)	micro gm/m3	IS 5182 : Part 2 :2001 (Reaff.2012) (O)	80 24 HR.	7.2
Nitrogen Dioxide (NO2)	micro gm/m3	IS 5182 : Part 6 :2006 (Reaff.2012) (O)	80 24 HR.	22.3

port Verified By

For Mitra S. K. Private Limited

Authorised Signatory

tra S. K. Private Limited

e Punjab National Bank
ar Road, NH-7, Kuthla,
– 483501 (M.P.)
U51909WB1956PTC023037
7622 – 240651, 240919
rpattanaik@mitrask.co.in
knigam@mitrask.co.in

TEST REPORT

e & Address of Customer :

agraj Power Generation Company Ltd.
han Semra, Tehsil : Bara,
Prayagraj
Pradesh) [India]
ode - 212107)

Report No. : MSKGL/ED/2023-24/003681

Date : 03/12/2023
Job No : ED/AIR/KAT-2023/00019
Sample No. : MSKGL/ED/2023-24/11/00924
Reference No. & Date : 9200000102, Date - 24/05/2021

rtify that the following sample Drawn by us has been analyzed with the following results:

	AIR
on of sample	Ambient Air
dentification of sample(if any)	BEMARA VILLAGE
ampling	03/11/2023

ort No. : MSKGL/ED/2023-24/003681 **Sample No. :** MSKGL/ED/2023-24/11/00924

RESULT

Result of Ambient Air

Parameter	UOM	Method	Limit	Result
Particulate Matter (<10um)	micro gm/m3	IS 5182: Part 23:2006 (Reaff. 2012) (O)	100 24 HR.	52.9
Particulate Matter (<2.5um)	micro gm/m3	IS 5182 (PT-24),2019 (O)	60 24 HR.	27.6
Sulphur Dioxide (SO2)	micro gm/m3	IS 5182 : Part 2 :2001 (Reaff.2012) (O)	80 24 HR.	6.2
Nitrogen Dioxide (NO2)	micro gm/m3	IS 5182 : Part 6 :2006 (Reaff.2012) (O)	80 24 HR.	20.7

ort Verified By

For Mitra S. K. Private Limited

Authorised Signatory

Mitra S. K. Private Limited

TESTING • INSPECTION

Above Punjab National Bank
Maihar Road, NH-7, Kuthla,
Katni – 483501 (M.P.)
CIN: U51909WB1956PTC023037
T : 07622 – 240651, 240919
E : prpattanaik@mitrask.co.in
sknigam@mitrask.co.in

TEST REPORT

Name & Address of Customer :

Prayagraj Power Generation Company Ltd.
Vill.: Khan Semra, Tehsil : Bara,
Dist.: Prayagraj
(Uttar Pradesh) [India]
(Pin Code - 212107)

Report No. : MSKGL/ED/2023-24/003682

Date : 03/12/2023
Job No : ED/AIR/KAT-2023/00019
Sample No. : MSKGL/ED/2023-24/11/00925
Reference No. & Date : 9200000102, Date - 24/05/2021

Hereby certify that the following sample Drawn by us has been analyzed with the following results:

Group	AIR
Description of sample	Ambient Air
Unique Identification of sample(if any)	KAPARI VILLAGE
Date of sampling	03/11/2023

Report No. : MSKGL/ED/2023-24/003682 **Sample No. :** MSKGL/ED/2023-24/11/00925

RESULT

Analysis Result of Ambient Air

No.	Parameter	UOM	Method	Limit	Result
01	Particulate Matter (<10um)	micro gm/m3	IS 5182: Part 23:2006 (Reaff. 2012) (O)	100 24 HR.	58.2
02	Particulate Matter (<2.5um)	micro gm/m3	IS 5182 (PT-24):2019 (O)	60 24 HR.	24.2
03	Sulphur Dioxide (SO2)	micro gm/m3	IS 5182 : Part 2 :2001 (Reaff.2012) (O)	80 24 HR.	7.6
04	Nitrogen Dioxide (NO2)	micro gm/m3	IS 5182 : Part 6 :2006 (Reaff.2012) (O)	80 24 HR.	18.8

Report Verified By

For Mitra S. K. Private Limited

Authorised Signatory

Mitra S. K. Private Limited

Above Punjab National Bank
Maihar Road, NH-7, Kuthla,
Katni – 483501 (M.P.)
CIN: U51909WB1956PTC023037
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MSK TESTING • INSPECTION

TEST REPORT

Name & Address of Customer :

Prayagraj Power Generation Company Ltd.
(At: Khan Semra, Tehsil: Bara,
Dist.: Prayagraj
(Uttar Pradesh) (India)
Pin Code - 212107)

Report No. : MSKGL/ED/2023-24/003718

Date : 03/12/2023
Job No : ED/AIR/KAT-2023/00019
Sample No. : MSKGL/ED/2023-24/11/00961
Reference No. & Date : 9200000102, Date - 24/05/2021

reby certify that the following sample Drawn by us has been analyzed with the following results:

oup	AIR
scription of sample	Ambient Air
ique Identification of sample(if any)	CHP AREA
te of sampling	23/11/2023

Report No. : MSKGL/ED/2023-24/003718 **Sample No. :** MSKGL/ED/2023-24/11/00961

RESULT

ysis Result of Ambient Air

o.	Parameter	UOM	Method	Limit	Result
	Particulate Matter (<10um)	micro gm/m3	IS 5182: Part 23:2006 (Reaff. 2012)_(O)	100 24 HR.	88.1
	Particulate Matter (<2.5um)	micro gm/m3	IS 5182 (PT-24),2019_(O)	60 24 HR.	46.3
	Sulphur Dioxide (SO2)	micro gm/m3	IS 5182 : Part 2 :2001 (Reaff.2012) _(O)	80 24 HR.	8.1
	Nitrogen Dioxide (NO2)	micro gm/m3	IS 5182 : Part 6 :2006 (Reaff.2012) _(O)	80 24 HR.	30.8

Report Verified By

For Mitra S. K. Private Limited

Authorised Signatory

Mitra S. K. Private Limited

Above Punjab National Bank
Maihar Road, NH-7, Kuthla,
Katni – 483501 (M.P.)
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sknigam@mitrask.co.in

TEST REPORT

Name & Address of Customer :

Prayagraj Power Generation Company Ltd.
Vill.: Khan Semra, Tehsil : Bara,
Dist.: Prayagraj
(Uttar Pradesh) [India]
(Pin Code : 212107)

Report No. : MSKGL/ED/2023-24/003719

Date : 03/12/2023
Job No : ED/AIR/KAT-2023/00019
Sample No. : MSKGL/ED/2023-24/11/00962
Reference No. & Date : 9200000102, Date : 24/05/2021

We hereby certify that the following sample Drawn by us has been analyzed with the following results:

1. Group	AIR
2. Description of sample	Ambient Air
3. Unique Identification of sample(if any)	FIRE STATION
4. Date of sampling	23/11/2023

Report No. : MSKGL/ED/2023-24/003719 **Sample No. :** MSKGL/ED/2023-24/11/00962

RESULT

Analysis Result of Ambient Air

Sl No.	Parameter	UOM	Method	Limit	Result
01	Particulate Matter (<10um)	micro gm/m3	IS 5182: Part 23:2006 (Reaff. 2012)_(O)	100 24 HR.	77.9
02	Particulate Matter (<2.5um)	micro gm/m3	IS 5182 (PT-24),2019_(O)	60 24 HR.	40.2
03	Sulphur Dioxide (SO2)	micro gm/m3	IS 5182 : Part 2 :2001 (Reaff.2012) _(O)	80 24 HR.	7.2
04	Nitrogen Dioxide (NO2)	micro gm/m3	IS 5182 : Part 6 :2006 (Reaff.2012) _(O)	80 24 HR.	28.1

Report Verified By

For Mitra S. K. Private Limited

Authorised Signatory

Mitra S. K. Private Limited

Above Punjab National Bank
Maihar Road, NH-7, Kuthla,
Katni – 483501 (M.P.)
CIN: U51909WB1956PTC023037
T : 07622 – 240651, 240919
E : prpattanaik@mitrask.co.in
sknigam@mitrask.co.in

TEST REPORT

Name & Address of Customer :

Prayagraj Power Generation Company Ltd.
Vill., Khan Semra, Tehsil : Bara,
Dist.: Prayagraj
(U.P.) [India]
(Pin Code - 212107)

Report No. : MSKGL/ED/2023-24/003720

Date : 03/12/2023
Job No : ED/AIR/KAT-2023/00019
Sample No. : MSKGL/ED/2023-24/11/00963
Reference No. & Date : 9200000102, Date - 24/05/2021

I hereby certify that the following sample Drawn by us has been analyzed with the following results:

Group	AIR.
Description of sample	Ambient Air
Unique Identification of sample(if any)	HORTICULTURE
Date of sampling	23/11/2023

Report No. : MSKGL/ED/2023-24/003720 **Sample No. :** MSKGL/ED/2023-24/11/00963

RESULT

Analysis Result of Ambient Air

Sl No.	Parameter	UOM	Method	Limit	Result
01	Particulate Matter (<10um)	micro gm/m3	IS 5182: Part 23:2006 (Reaff. 2012)_(O)	100 24 HR.	61.4
02	Particulate Matter (<2.5um)	micro gm/m3	IS 5182 (PT-24):2019_(O)	60 24 HR.	24.7
03	Sulphur Dioxide (SO2)	micro gm/m3	IS 5182 : Part 2 :2001 (Reaff.2012)_(O)	80 24 HR.	7.6
04	Nitrogen Dioxide (NO2)	micro gm/m3	IS 5182 : Part 6 :2006 (Reaff.2012)_(O)	80 24 HR.	15.9

Report Verified By

For Mitra S. K. Private Limited

Authorised Signatory

Mitra S. K. Private Limited

TESTING • INSPECTION

Above Punjab National Bank
Maihar Road, NH-7, Kuthla,
Katni – 483501 (M.P.)
CIN: U51909WB1956PTC023037
T : 07622 – 240651, 240919
E : proattanaik@mitrask.co.in
sknigam@mitrask.co.in

TEST REPORT

Name & Address of Customer :

Prayagraj Power Generation Company Ltd.
Vill.: Khan Semra, Tehsil : Bara,
Dist.: Prayagraj
(Uttar Pradesh) (India)
[n Code - 212107]

Report No. : MSKGL/ED/2023-24/003721

Date : 03/12/2023
Job No : ED/AIR/KAT-2023/00019
Sample No. : MSKGL/ED/2023-24/11/00964
Reference No. & Date : 9200000102, Date - 24/05/2021

e hereby certify that the following sample Drawn by us has been analyzed with the following results:

. Group	AIR
. Description of sample	Ambient Air
. Unique Identification of sample(if any)	ITI COLLEGE
. Date of sampling	23/11/2023

Report No. : MSKGL/ED/2023-24/003721 **Sample No. :** MSKGL/ED/2023-24/11/00964

RESULT

nalysis Result of Ambient Air

Sl No.	Parameter	UOM	Method	Limit	Result
01	Particulate Matter (<10um)	micro gm/m3	IS 5182: Part 23:2006 (Reaff. 2012) (O)	100 24 HR.	58.9
	Particulate Matter (<2.5um)	micro gm/m3	IS 5182 (PT-24) 2019 (O)	60 24 HR.	27.3
03	Sulphur Dioxide (SO2)	micro gm/m3	IS 5182 : Part 2 :2001 (Reaff.2012) (O)	80 24 HR.	6.4
04	Nitrogen Dioxide (NO2)	micro gm/m3	IS 5182 : Part 6 :2006 (Reaff.2012) (O)	80 24 HR.	18.6

Report Verified By

For Mitra S. K. Private Limited

Authorised Signatory

Mitra S. K. Private Limited

Above Punjab National Bank
Maihar Road, NH-7, Kuthla,
Katni – 483501 (M.P.)
CIN: U51909WB1956PTC023037
T : 07622 – 240651, 240919
E : prpattanaik@mitrask.co.in
sknigam@mitrask.co.in

MSK TESTING • INSPECTION

TEST REPORT

Name & Address of Customer :

Prayagraj Power Generation Company Ltd.
Vill: Khan Semra, Tehsil : Bara,
Dist.: Prayagraj
(Uttar Pradesh) (India)
(Pin Code - 212107)

Report No. : MSKGL/ED/2023-24/003722

Date : 03/12/2023
Job No : ED/AIR/KAT-2023/00019
Sample No. : MSKGL/ED/2023-24/11/00965
Reference No. & Date : 9200000102, Date - 24/05/2021

Hereby certify that the following sample Drawn by us has been analyzed with the following results:

Group	AIR
Description of sample	Ambient Air
Unique Identification of sample(if any)	LOHGARA VILLAGE
Date of sampling	24/11/2023

Report No. : MSKGL/ED/2023-24/003722 **Sample No. :** MSKGL/ED/2023-24/11/00965

RESULT

Analysis Result of Ambient Air

No.	Parameter	UOM	Method	Limit	Result
1	Particulate Matter (<10um)	micro gm/m3	IS 5182: Part 23:2006 (Reaff. 2012)_(O)	100 24 HR.	59.8
2	Particulate Matter (<2.5um)	micro gm/m3	IS 5182 (PT-24),2019_(O)	60 24 HR.	31.8
3	Sulphur Dioxide (SO2)	micro gm/m3	IS 5182 : Part 2 :2001 (Reaff.2012) _(O)	80 24 HR.	7.2
4	Nitrogen Dioxide (NO2)	micro gm/m3	IS 5182 : Part 6:2006 (Reaff.2012) _(O)	80 24 HR.	20.6

Report Verified By

For Mitra S. K. Private Limited

Authorised Signatory

Mitra S. K. Private Limited

bove Punjab National Bank
laihar Road, NH-7, Kuthla,
athi – 483501 (M.P.)
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sknigam@mitrask.co.in

TEST REPORT

ame & Address of Customer :

ayagraj Power Generation Company Ltd.
.: Khan Semra, Tehsil : Bara,
st.: Prayagraj
ttar Pradesh) [India]
In[illegible]e - 212107)

Report No. : MSKGL/ED/2023-24/003723

Date : 03/12/2023
Job No : ED/AIR/KAT-2023/00019
Sample No. : MSKGL/ED/2023-24/11/00966
Reference No. & Date : 9200000102, Date - 24/05/2021

by certify that the following sample Drawn by us has been analyzed with the following results:

ıp	AIR
:ription of sample	Ambient Air
ıue Identification of sample(if any)	BEMARA VILLAGE
e of sampling	24/11/2023

Report No. : MSKGL/ED/2023-24/003723 **Sample No. :** MSKGL/ED/2023-24/11/00966

RESULT

ysis Result of Ambient Air

o.	Parameter	UOM	Method	Limit	Result
	Particulate Matter (<10um)	micro gm/m3	IS 5182: Part 23:2006 (Reaff. 2012) (O)	100 24 HR.	56.2
	Particulate Matter (<2.5um)	micro gm/m3	IS 5182 (PT-24),2019 (O)	60 24 HR.	30.3
	Sulphur Dioxide (SO2)	micro gm/m3	IS 5182 : Part 2 :2001 (Reaff.2012) (O)	80 24 HR.	6.7
	Nitrogen Dioxide (NO2)	micro gm/m3	IS 5182 : Part 6 :2006 (Reaff.2012) (O)	80 24 HR.	21.9

Report Verified By

For Mitra S. K. Private Limited

Authorised Signatory

Mitra S. K. Private Limited

TESTING • INSPECTION

Above Punjab National Bank
Maihar Road, NH-7, Kuthila,
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sknigam@mitrask.co.in

TEST REPORT

Name & Address of Customer :

Prayagraj Power Generation Company Ltd.
At: Khan Semra, Tehsil : Bara,
Dist.: Prayagraj
(Uttar Pradesh) [India]
Pin (Mobile - 212107)

Report No. : MSKGL/ED/2023-24/003724

Date : 03/12/2023
Job No : ED/AIR/KAT-2023/00019
Sample No. : MSKGL/ED/2023-24/11/00967
Reference No. & Date : 9200000102, Date - 24/05/2021

We certify that the following sample Drawn by us has been analyzed with the following results:

Type	AIR
Description of sample	Ambient Air
Sample Identification of sample(if any)	KAPARI VILLAGE
Date of sampling	24/11/2023

Report No. : MSKGL/ED/2023-24/003724 **Sample No. :** MSKGL/ED/2023-24/11/00967

RESULT

Analysis Result of Ambient Air

Sl.	Parameter	UOM	Method	Limit	Result
1	Particulate Matter (<10um)	micro gm/m3	IS 5182: Part 23:2006 (Reaff. 2012) (O)	100 24 HR.	62.7
2	Particulate Matter (<2.5um)	micro gm/m3	IS 5182 (PT-24),2019 (O)	60 24 HR.	28.7
3	Sulphur Dioxide (SO2)	micro gm/m3	IS 5182 : Part 2 :2001 (Reaff.2012) (O)	80 24 HR.	6.3
4	Nitrogen Dioxide (NO2)	micro gm/m3	IS 5182 : Part 6 :2006 (Reaff.2012) (O)	80 24 HR.	23.7

Report Verified By

For Mitra S. K. Private Limited

Authorised Signatory

Mitra S. K. Private Limited

TESTING • INSPECTION

Address of Branch :
Above Punjab National Bank
Mathar Road, NH-7, Kuthla, Katni - 483501 (M.P.)
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sknigam@mitrask.co.in

TEST REPORT

Name & Address of Customer :

Prayagraj Power Generation Company Ltd.

Vill.: Khan Semra, Tehsil : Bara,

Dist.: Prayagraj
(Uttar Pradesh) [India]
(Pin Code - 212107)

Report No. : MSKGL/ED/2023-24/003013
Date : 01/11/2023
Job No : ED/AIR/KAT-2023/00018
Sample No. : MSKGL/ED/2023-24/10/01265
Reference No. & Date : 9200000102, Date - 24/05/2021

We hereby certify that the following sample Drawn by us has been analyzed with the following results:

1. Group	AIR
2. Description of sample	Ambient Air
3. Unique Identification of sample(if any)	CHP AREA
4. Date of sampling	03/10/2023

Report No. : MSKGL/ED/2023-24/003013 **Sample No. :** MSKGL/ED/2023-24/10/01265

RESULT

Analysis Result of Ambient Air

Sl No.	Parameter	UOM	Method	Limit	Result
1	Ammonia (NH3)	micro gm/m3	TPM/MSK/ENV(AP)/01/08 (O)	400 24 HR	18.4
2	Arsenic (As)	ng/m3	USEPA IO-3.4 (O)	6 ANNUAL	<1.0
3	Benzene (C6H6)	micro gm/m3	IS:5182(Part-11):2006 Reaff.2012 (O)	5 ANNUAL	<4.2
4	Benzo[a]Pyrene (BaP)	ng/m3	IS:5182(Part-12):2004 Reaff.: 2014 (O)	1 ANNUAL	<0.5
5	Carbon Monoxide (CO)	mg/m3	IS 5182 : Part 10 :1999 (Reaff.2014) (NDIR) (O)	2 8HR	0.86
6	Lead (Pb)	micro gm/m3	USEPA IO-3.4 (O)	1 24 HR	<0.01
7	Nickel (Ni)	ng/m3	USEPA IO-3.4 (O)	20 ANNUAL	<5.0
8	Nitrogen Dioxide (NO2)	micro gm/m3	IS 5182 : Part 6 :2006 (Reaff.2012) (O)	80 24 HR	39.6
9	Ozone (O3)	micro gm/m3	TPM/MSK/ENV(AP)/01/07 (O)	180 1 HR	35.1
10	Particulate Matter (<10um)	micro gm/m3	IS 5182: Part 23:2006 (Reaff. 2012) (O)	100 24 HR	83.8
11	Particulate Matter (<2.5um)	micro gm/m3	IS 5182 (PT-24):2019 (O)	60 24 HR	52.2
	Sulphur Dioxide (SO2)	micro gm/m3	IS 5182 : Part 2 :2001 (Reaff.2012) (O)	80 24 HR	7.8

------ END ------

Report Verified By

For Mitra S. K. Private Limited

Authorised Signatory

Mitra S. K. Private Limited

Address of Branch :
Above Punjab National Bank
Maihar Road, NH-7, Kuthla, Katni - 483501 (M.P.)
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TEST REPORT

Name & Address of Customer :

Prayagraj Power Generation Company Ltd.

Vill.: Khan Semra, Tehsil : Bara,

Dist.: Prayagraj
(Uttar Pradesh) (India)
(Pin Code - 212107)

Report No. : MSKGL/ED/2023-24/003014
Date : 01/11/2023
Job No : ED/AIR/KAT-2023/00018
Sample No. : MSKGL/ED/2023-24/10/01266
Reference No. & Date : 9200000102, Date - 24/05/2021

We hereby certify that the following sample Drawn by us has been analyzed with the following results:

1. Group	AIR
2. Description of sample	Ambient Air
3. Unique Identification of sample(if any)	FIRE STATION
4. Date of sampling	03/10/2023

Report No. : MSKGL/ED/2023-24/003014 **Sample No. :** MSKGL/ED/2023-24/10/01266

RESULT

Analysis Result of Ambient Air

Sl No.	Parameter	UOM	Method	Limit	Result
1	Ammonia (NH3)	micro gm/m3	TPM/MSK/ENV(AP)/01/08_(O)	400 24 HR.	17.6
2	Arsenic (As)	ng/m3	USEPA IO-3.4_(O)	6 ANNUAL	<1.0
3	Benzene (C6H6)	micro gm/m3	IS:5182(Part-11):2006 Reaff.2012_(O)	5 ANNUAL	<4.2
4	Benzo(a)Pyrene (BaP)	ng/m3	IS:5182(Part-12):2004 Reaff.: 2014_(O)	1 ANNUAL	<0.5
5	Carbon Monoxide (CO)	mg/m3	IS 5182 : Part 10 :1999 (Reaff.2014) (NDIR)_(O)	2 8HR.	0.59
6	Lead (Pb)	micro gm/m3	USEPA IO-3.4_(O)	1 24 HR	<0.01
7	Nickel (Ni)	ng/m3	USEPA IO-3.4_(O)	20 ANNUAL	<5.0
8	Nitrogen Dioxide (NO2)	micro gm/m3	IS 5182 : Part 6 :2006 (Reaff.2012)_(O)	80 24 HR.	22.3
9	Ozone (O3)	micro gm/m3	TPM/MSK/ENV(AP)/01/07_(O)	180 1 HR.	<20.0
10	Particulate Matter (<10um)	micro gm/m3	IS 5182: Part 23:2006 (Reaff. 2012)_(O)	100 24 HR.	67.1
11	Particulate Matter (<2.5um)	micro gm/m3	IS 5182 (PT-24),2019_(O)	60 24 HR.	33.9
12	Sulphur Dioxide (SO2)	micro gm/m3	IS 5182 : Part 2 :2001 (Reaff.2012)_(O)	80 24 HR.	<6.0

------ END ------

Report Verified By

For Mitra S. K. Private Limited

Authorised Signatory

Mitra S. K. Private Limited

Address of Branch :
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sknigam@mitrask.co.in

TEST REPORT

Name & Address of Customer :

Prayagraj Power Generation Company Ltd.

Vill.: Khan Semra, Tehsil : Bara,

Dist.: Prayagraj
(Uttar Pradesh) (India)
(Pin Code - 212107)

Report No. : MSKGL/ED/2023-24/003015
Date : 01/11/2023
Job No : ED/AIR/KAT-2023/00018
Sample No. : MSKGL/ED/2023-24/10/01267
Reference No. & Date : 9200000102, Date - 24/05/2021

We hereby certify that the following sample Drawn by us has been analyzed with the following results:

1. Group	AIR
2. Description of sample	Ambient Air
3. Unique Identification of sample(if any)	HORTICULTRE
4. Date of sampling	03/10/2023

Report No. : MSKGL/ED/2023-24/003015 **Sample No. :** MSKGL/ED/2023-24/10/01267

RESULT

Analysis Result of Ambient Air

Sl No.	Parameter	UOM	Method	Limit	Result
1	Ammonia (NH3)	micro gm/m3	TPM/MSK/ENV(AP)/01/08_(O)	400 24 HR.	17.6
2	Arsenic (As)	ng/m3	USEPA IO-3.4_(O)	6 ANNUAL	<1.0
3	Benzene (C6H6)	micro gm/m3	IS:5182(Part-11):2006 Reaff.2012_(O)	5 ANNUAL	<4.2
4	Benzo(a)Pyrene (BaP)	ng/m3	IS:5182(Part-12):2004 Reaff.; 2014_(O)	1 ANNUAL	<0.5
5	Carbon Monoxide (CO)	mg/m3	IS 5182 : Part 10 :1999 (Reaff.2014) (NDIR)_(O)	2 8HR.	0.59
6	Lead (Pb)	micro gm/m3	USEPA IO-3.4_(O)	1 24 HR	<0.01
7	Nickel (Ni)	ng/m3	USEPA IO-3.4_(O)	20 ANNUAL	<5.0
8	Nitrogen Dioxide (NO2)	micro gm/m3	IS 5182 : Part 6 :2006 (Reaff.2012)_(O)	80 24 HR.	22.3
9	Ozone (O3)	micro gm/m3	TPM/MSK/ENV(AP)/01/07_(O)	180 1 HR.	<20.0
10	Particulate Matter (<10um)	micro gm/m3	IS 5182: Part 23:2006 (Reaff. 2012)_(O)	100 24 HR.	67.1
11	Particulate Matter (<2.5um)	micro gm/m3	IS 5182 (PT-24):2019_(O)	60 24 HR.	33.9
	Sulphur Dioxide (SO2)	micro gm/m3	IS 5182 : Part 2 :2001 (Reaff.2012)_(O)	80 24 HR.	<6.0

----- END -----

Report Verified By

For Mitra S. K. Private Limited

Authorised Signatory

Mitra S. K. Private Limited

Address of Branch :
Above Punjab National Bank
Maihar Road, NH-7, Kuthia, Katni - 483501 (M.P.)
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sknigam@mitrask.co.in

TESTING • INSPECTIO

TEST REPORT

Name & Address of Customer :

Prayagraj Power Generation Company Ltd.

Vill.: Khan Semra, Tehsil : Bara,

Dist.: Prayagraj
(Uttar Pradesh) [India]
(Pin Code - 212107)

Report No. : MSKGL/ED/2023-24/003016
Date : 01/11/2023
Job No : ED/AIR/KAT-2023/00018
Sample No. : MSKGL/ED/2023-24/10/01268
Reference No. & Date : 9200000102, Date - 24/05/2021

We hereby certify that the following sample Drawn by us has been analyzed with the following results:

1. Group	AIR
2. Description of sample	Ambient Air
3. Unique Identification of sample(If any)	ITI COLLEGE
4. Date of sampling	03/10/2023

Report No. : MSKGL/ED/2023-24/003016 **Sample No. :** MSKGL/ED/2023-24/10/01268

RESULT

Analysis Result of Ambient Air

Sl No.	Parameter	UOM	Method	Limit	Result
1	Ammonia (NH3)	micro gm/m3	TPM/MSK/ENV(AP)/01/08 (O)	400 24 HR	19.8
2	Arsenic (As)	ng/m3	USEPA IO-3.4 (O)	6 ANNUAL	<1.0
3	Benzene (C6H6)	micro gm/m3	IS:5182(Part-11):2006 Reaff.2012 (O)	5 ANNUAL	<4.2
4	Benzo(a)Pyrene (BaP)	ng/m3	IS:5182(Part-12):2004 Reaff.: 2014 (O)	1 ANNUAL	<0.5
5	Carbon Monoxide (CO)	mg/m3	IS 5182 : Part 10 :1999 (Reaff.2014) (NDIR) (O)	2 8HR	0.61
6	Lead (Pb)	micro gm/m3	USEPA IO-3.4 (O)	1 24 HR	<0.01
7	Nickel (Ni)	ng/m3	USEPA IO-3.4 (O)	20 ANNUAL	<5.0
8	Nitrogen Dioxide (NO2)	micro gm/m3	IS 5182 : Part 6 :2006 (Reaff.2012) (O)	80 24 HR	32.1
9	Ozone (O3)	micro gm/m3	TPM/MSK/ENV(AP)/01/07 (O)	180 1 HR	25.4
10	Particulate Matter (<10um)	micro gm/m3	IS 5182: Part 23:2006 (Reaff. 2012) (O)	100 24 HR	70.6
11	Particulate Matter (<2.5um)	micro gm/m3	IS 5182 (PT-24):2019 (O)	60 24 HR	34.3
12	Sulphur Dioxide (SO2)	micro gm/m3	IS 5182 : Part 2 :2001 (Reaff.2012) (O)	80 24 HR	6.4

---- END ----

Report Verified By

For Mitra S. K. Private Limited

Authorised Signatory

Mitra S. K. Private Limited

TESTING • INSPECTION

Address of Branch :
Above Punjab National Bank
Maihar Road, NH-7, Kuthia, Katni - 483501 (M.P.)
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E : bmdubey@mitrask.co.in
sknigam@mitrask.co.in

TEST REPORT

Name & Address of Customer :

Prayagraj Power Generation Company Ltd.

Vill.: Khan Semra, Tehsil : Bara,

Dist.: Prayagraj
(Uttar Pradesh) [India]
(Pin Code - 212107)

Report No. : MSKGL/ED/2023-24/003017
Date : 01/11/2023
Job No : ED/AIR/KAT-2023/00018
Sample No. : MSKGL/ED/2023-24/10/01269
Reference No. & Date : 9200000102, Date - 24/05/2021

We hereby certify that the following sample Drawn by us has been analyzed with the following results:

1. Group	AIR
2. Description of sample	Ambient Air
3. Unique Identification of sample(If any)	LOHGARA VILLAGE
4. Date of sampling	04/10/2023

Report No. : MSKGL/ED/2023-24/003017 **Sample No. :** MSKGL/ED/2023-24/10/01269

RESULT

Analysis Result of Ambient Air

Sl No.	Parameter	UOM	Method	Limit	Result
1	Ammonia (NH3)	micro gm/m3	TPM/MSK/ENV(AP)/01/08 (O)	400 24 HR.	17.8
2	Arsenic (As)	ng/m3	USEPA IO-3.4 (O)	6 ANNUAL	<1.0
3	Benzene (C6H6)	micro gm/m3	IS:5182(Part-11):2006 Reaff.2012 (O)	5 ANNUAL	<4.2
4	Benzo(a)Pyrene (BaP)	ng/m3	IS:5182(Part-12):2004 Reaff. 2014 (O)	1 ANNUAL	<0.5
5	Carbon Monoxide (CO)	mg/m3	IS 5182 : Part 10 :1999 (Reaff.2014) (NDIR) (O)	2 8HR.	0.55
6	Lead (Pb)	micro gm/m3	USEPA IO-3.4 (O)	1 24 HR	<0.01
7	Nickel (Ni)	ng/m3	USEPA IO-3.4 (O)	20 ANNUAL	<5.0
8	Nitrogen Dioxide (NO2)	micro gm/m3	IS 5182 : Part 6 :2006 (Reaff.2012) (O)	80 24 HR.	28.1
9	Ozone (O3)	micro gm/m3	TPM/MSK/ENV(AP)/01/07 (O)	180 1 HR.	<20.0
10	Particulate Matter (<10um)	micro gm/m3	IS 5182: Part 23:2006 (Reaff. 2012) (O)	100 24 HR.	75.1
11	Particulate Matter (<2.5um)	micro gm/m3	IS 5182 (PT-24),2019 (O)	60 24 HR.	41.7
12	Sulphur Dioxide (SO2)	micro gm/m3	IS 5182 : Part 2 :2001 (Reaff.2012) (O)	80 24 HR.	7.0

END

Report Verified By

For Mitra S. K. Private Limited

Authorised Signatory

Mitra S. K. Private Limited

Address of Branch :
Above Punjab National Bank
Malhar Road, NH-7, Katni, Katni - 483501 (M.P.)
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E.: bmdubey@mitrask.co.in
sknigam@mitrask.co.in

TEST REPORT

Name & Address of Customer :

Prayagraj Power Generation Company Ltd.

Vill.: Khan Semra, Tehsil : Bara,

Dist.: Prayagraj
(Uttar Pradesh) [India]
(Pin Code - 212107)

Report No. : MSKGL/ED/2023-24/003018
Date : 01/11/2023
Job No : ED/AIR/KAT-2023/00018
Sample No. : MSKGL/ED/2023-24/10/01270
Reference No. & Date : 9200000102, Date - 24/05/2021

We hereby certify that the following sample Drawn by us has been analyzed with the following results:

1. Group	AIR
2. Description of sample	Ambient Air
3. Unique Identification of sample(If any)	BEMARA VILLAGE
4. Date of sampling	04/10/2023

Report No. : MSKGL/ED/2023-24/003018 **Sample No. :** MSKGL/ED/2023-24/10/01270

RESULT

Analysis Result of Ambient Air

Sl No.	Parameter	UOM	Method	Limit	Result
1	Ammonia (NH3)	micro gm/m3	TPM/MSK/ENV(AP)/01/08 (O)	400 24 HR.	16.2
2	Arsenic (As)	ng/m3	USEPA IO-3.4 (O)	6 ANNUAL	<1.0
3	Benzene (C6H6)	micro gm/m3	IS:5182(Part-11):2006 Reaff.2012 (O)	5 ANNUAL	<4.2
4	Benzo(a)Pyrene (BaP)	ng/m3	IS:5182(Part-12):2004 Reaff.: 2014 (O)	1 ANNUAL	<0.5
5	Carbon Monoxide (CO)	mg/m3	IS 5182 : Part 10 :1999 (Reaff.2014) (NDIR) (O)	2 8HR.	0.76
6	Lead (Pb)	micro gm/m3	USEPA IO-3.4 (O)	1 24 HR	<0.01
7	Nickel (Ni)	ng/m3	USEPA IO-3.4 (O)	20 ANNUAL	<5.0
8	Nitrogen Dioxide (NO2)	micro gm/m3	IS 5182 : Part 6 :2006 (Reaff.2012) (O)	80 24 HR.	27.8
9	Ozone (O3)	micro gm/m3	TPM/MSK/ENV(AP)/01/07 (O)	180 1 HR.	24.1
10	Particulate Matter (<10um)	micro gm/m3	IS 5182: Part 23:2006 (Reaff. 2012) (O)	100 24 HR.	68.5
11	Particulate Matter (<2.5um)	micro gm/m3	IS 5182 (PT-24):2019 (O)	60 24 HR.	38.1
12	Sulphur Dioxide (SO2)	micro gm/m3	IS 5182 : Part 2 :2001 (Reaff.2012) (O)	80 24 HR.	<6.0

------ END ------

Report Verified By

For Mitra S. K. Private Limited

Authorised Signatory

Mitra S. K. Private Limited

Address of Branch :
Above Punjab National Bank
Maihar Road, NH-7, Kuthla, Katni - 483501 (M.P.)
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sknigam@mitrask.co.in

TEST REPORT

Name & Address of Customer :

Prayagraj Power Generation Company Ltd.

Vill.: Khan Semra, Tehsil : Bara,

Distt: Prayagraj
(Uttar Pradesh) (India)
(Pin Code - 212107)

Report No. : MSKGL/ED/2023-24/003019
Date : 01/11/2023
Job No : ED/AIR/KAT-2023/00018
Sample No. : MSKGL/ED/2023-24/10/01271
Reference No. & Date : 9200000102, Date - 24/05/2021

We hereby certify that the following sample Drawn by us has been analyzed with the following results:

1. Group	AIR
2. Description of sample	Ambient Air
3. Unique identification of sample(If any)	KAPARI VILLAGE
4. Date of sampling	04/10/2023

Report No. : MSKGL/ED/2023-24/003019 **Sample No. :** MSKGL/ED/2023-24/10/01271

RESULT

Analysis Result of Ambient Air

Sl No.	Parameter	UOM	Method	Limit	Result
1	Ammonia (NH3)	micro gm/m3	TPM/MSK/ENV(AP)/01/08_(O)	400 24 HR.	16.4
2	Arsenic (As)	ng/m3	USEPA IO-3.4_(O)	6 ANNUAL	<1.0
3	Benzene (C6H6)	micro gm/m3	IS:5182(Part-11):2006 Reaff.2012_(O)	5 ANNUAL	<4.2
4	Benzo(a)Pyrene (BaP)	ng/m3	IS:5182(Part-12):2004 Reaff.: 2014_(O)	1 ANNUAL	<0.5
5	Carbon Monoxide (CO)	mg/m3	IS 5182 : Part 10 :1999 (Reaff.2014) (NDIR)_(O)	2 8HR.	0.59
6	Lead (Pb)	micro gm/m3	USEPA IO-3.4_(O)	1 24 HR	<0.01
7	Nickel (Ni)	ng/m3	USEPA IO-3.4_(O)	20 ANNUAL	<5.0
8	Nitrogen Dioxide (NO2)	micro gm/m3	IS 5182 : Part 6 :2006 (Reaff.2012)_(O)	80 24 HR.	24.9
9	Ozone (O3)	micro gm/m3	TPM/MSK/ENV(AP)/01/07_(O)	180 1 HR.	<20.0
10	Particulate Matter (<10um)	micro gm/m3	IS 5182: Part 23:2006 (Reaff. 2012)_(O)	100 24 HR.	61.7
11	Particulate Matter (<2.5um)	micro gm/m3	IS 5182 (PT-24):2019_(O)	60 24 HR.	35.2
12	Sulphur Dioxide (SO2)	micro gm/m3	IS 5182 : Part 2 :2001 (Reaff.2012)_(O)	80 24 HR.	7.3

----- END -----

Report Verified By

For Mitra S. K. Private Limited

Authorised Signatory

Mitra S. K. Private Limited

Address of Branch :
Above Punjab National Bank
Maihar Road, NH-7, Kuthia, Katni - 483501 (M.P.)
CIN: U51909WB1956PTC023037
T : 07622 - 240651, 240919
E : bmdubey@mitrask.co.in
sknigam@mitrask.co.in

TEST REPORT

Name & Address of Customer :

Prayagraj Power Generation Company Ltd.

Vill.: Khan Semra, Tehsil : Bara,

Dist.: Prayagraj
(Uttar Pradesh) [India]
[Pin Code - 212107]

Report No. : MSKGL/ED/2023-24/003055
Date : 01/11/2023
Job No : ED/AIR/KAT-2023/00019
Sample No. : MSKGL/ED/2023-24/10/01307
Reference No. & Date : 9200000102, Date - 24/05/2021

We hereby certify that the following sample Drawn by us has been analyzed with the following results:

1. Group	AIR
2. Description of sample	Ambient Air
3. Unique Identification of sample(if any)	CHP AREA
4. Date of sampling	26/10/2023

Report No. : MSKGL/ED/2023-24/003055 **Sample No. :** MSKGL/ED/2023-24/10/01307

RESULT

Analysis Result of Ambient Air

Sl No.	Parameter	UOM	Method	Limit	Result
1	Ammonia (NH3)	micro gm/m3	TPM/MSK/ENV(AP)/01/08_(O)	400 24 HR.	23.7
2	Arsenic (As)	ng/m3	USEPA IO-3.4_(O)	6 ANNUAL	<1.0
3	Benzene (C6H6)	micro gm/m3	IS:5182(Part-11):2006 Reaff.2012_(O)	5 ANNUAL	<4.2
4	Benzo(a)Pyrene (BaP)	ng/m3	IS:5182(Part-12):2004 Reaff.: 2014_(O)	1 ANNUAL	<0.5
5	Carbon Monoxide (CO)	mg/m3	IS 5182 : Part 10 :1999 (Reaff.2014) (NDIR)_(O)	2 8HR.	0.43
6	Lead (Pb)	micro gm/m3	USEPA IO-3.4_(O)	1 24 HR	<0.01
7	Nickel (Ni)	ng/m3	USEPA IO-3.4_(O)	20 ANNUAL	<5.0
8	Nitrogen Dioxide (NO2)	micro gm/m3	IS 5182 : Part 6 :2006 (Reaff.2012)_(O)	80 24 HR.	42.3
9	Ozone (O3)	micro gm/m3	TPM/MSK/ENV(AP)/01/07_(O)	180 1 HR.	33.2
10	Particulate Matter (<10um)	micro gm/m3	IS 5182: Part 23:2006 (Reaff. 2012)_(O)	100 24 HR.	89.6
11	Particulate Matter (<2.5um)	micro gm/m3	IS 5182 (PT-24):2019_(O)	60 24 HR.	41.8
12	Sulphur Dioxide (SO2)	micro gm/m3	IS 5182 : Part 2 :2001 (Reaff.2012)_(O)	80 24 HR.	11.8

-------- END --------

Report Verified By

For Mitra S. K. Private Limited

Authorised Signatory

Mitra S. K. Private Limited

Address of Branch :
Above Punjab National Bank
Mathar Road, NH-7, Kuthia, Katni - 483501 (M.P.)
CIN: U51909WB1956PTC023037
T : 07622 - 240651, 240919
E : bmdubey@mitrask.co.in
sknigam@mitrask.co.in

TEST REPORT

Name & Address of Customer :

Prayagraj Power Generation Company Ltd.

Vill.: Khan Semra, Tehsil : Bara,

Dist.: Prayagraj
(Uttar Pradesh) (India)
(Pin Code - 212107)

Report No. : MSKGL/ED/2023-24/003056
Date : 01/11/2023
Job No : ED/AIR/KAT-2023/00018
Sample No. : MSKGL/ED/2023-24/10/01308
Reference No. & Date : 9200000102, Date - 24/05/2021

We hereby certify that the following sample Drawn by us has been analyzed with the following results:

1. Group	AIR
2. Description of sample	Ambient Air
3. Unique identification of sample(if any)	FIRE STATION
4. Date of sampling	26/10/2023

Report No. : MSKGL/ED/2023-24/003056 **Sample No. :** MSKGL/ED/2023-24/10/01308

RESULT

Analysis Result of Ambient Air

Sl No.	Parameter	UOM	Method	Limit	Result
1	Ammonia (NH3)	micro gm/m3	TPM/MSK/ENV(AP)/01/08 (O)	400 24 HR.	12.9
2	Arsenic (As)	ng/m3	USEPA IO-3.4 (O)	6 ANNUAL	<1.0
3	Benzene (C6H6)	micro gm/m3	IS:5182(Part-11):2006 Reaff.2012 (O)	5 ANNUAL	<4.2
4	Benzo(a)Pyrene (BaP)	ng/m3	IS:5182(Part-12):2004 Reaff.: 2014 (O)	1 ANNUAL	<0.5
5	Carbon Monoxide (CO)	mg/m3	IS 5182 : Part 10 :1999 (Reaff.2014) (NDIR) (O)	2 8HR.	0.34
6	Lead (Pb)	micro gm/m3	USEPA IO-3.4 (O)	1 24 HR	<0.01
7	Nickel (Ni)	ng/m3	USEPA IO-3.4 (O)	20 ANNUAL	<5.0
8	Nitrogen Dioxide (NO2)	micro gm/m3	IS 5182 : Part 6:2006 (Reaff.2012) (O)	80 24 HR.	20.6
9	Ozone (O3)	micro gm/m3	TPM/MSK/ENV(AP)/01/07 (O)	180 1 HR.	<20.0
10	Particulate Matter (<10um)	micro gm/m3	IS 5182: Part 23:2006 (Reaff. 2012) (O)	100 24 HR.	76.7
11	Particulate Matter (<2.5um)	micro gm/m3	IS 5182 (PT-24):2019 (O)	60 24 HR.	36.8
12	Sulphur Dioxide (SO2)	micro gm/m3	IS 5182 : Part 2:2001 (Reaff.2012) (O)	80 24 HR.	<6.0

----- END -----

Report Verified By

For Mitra S. K. Private Limited

Authorised Signatory

Mitra S. K. Private Limited

Address of Branch :
Above Punjab National Bank
Maihar Road, NH-7, Katni - 483501 (M.P.)
CIN: U51909WB1956PTC023037
T : 07622 - 240651, 240919
E : bmdubey@mitrask.co.in
sknlgam@mitrask.co.in

TEST REPORT

Name & Address of Customer :

Prayagraj Power Generation Company Ltd.

Vill.: Khan Semra, Tehsil : Bara,

Dist.: Prayagraj
(Uttar Pradesh) (India)
(Pin Code - 212107)

Report No. :	MSKGL/ED/2023-24/003057
Date :	01/11/2023
Job No :	ED/AIR/KAT-2023/00018
Sample No. :	MSKGL/ED/2023-24/10/01309
Reference No. & Date :	9200000102, Date - 24/05/2021

We hereby certify that the following sample Drawn by us has been analyzed with the following results:

1. Group	AIR
2. Description of sample	Ambient Air
3. Unique Identification of sample(if any)	HORTICULTURE
4. Date of sampling	26/10/2023

Report No. : MSKGL/ED/2023-24/003057 **Sample No. :** MSKGL/ED/2023-24/10/01309

RESULT

Analysis Result of Ambient Air

Sl No.	Parameter	UOM	Method	Limit	Result
1	Ammonia (NH3)	micro gm/m3	TPM/MSK/ENV(AP)/01/08 (O)	400 24 HR.	15.6
2	Arsenic (As)	ng/m3	USEPA IO-3.4 (O)	6 ANNUAL	<1.0
3	Benzene (C6H6)	micro gm/m3	IS:5182(Part-11):2006 Reaff.2012 (O)	5 ANNUAL	<4.2
4	Benzo(a)Pyrene (BaP)	ng/m3	IS:5182(Part-12):2004 Reaff.: 2014 (O)	1 ANNUAL	<0.5
5	Carbon Monoxide (CO)	mg/m3	IS 5182 : Part 10 :1999 (Reaff.2014) (NDIR) (O)	2 8HR.	0.69
6	Lead (Pb)	micro gm/m3	USEPA IO-3.4 (O)	1 24 HR	<0.01
7	Nickel (Ni)	ng/m3	USEPA IO-3.4 (O)	20 ANNUAL	<5.0
8	Nitrogen Dioxide (NO2)	micro gm/m3	IS 5182 : Part 6 :2006 (Reaff.2012) (O)	80 24 HR.	27.1
9	Ozone (O3)	micro gm/m3	TPM/MSK/ENV(AP)/01/07 (O)	180 1 HR.	<20.0
10	Particulate Matter (<10um)	micro gm/m3	IS 5182: Part 23:2006 (Reaff. 2012) (O)	100 24 HR.	82.6
11	Particulate Matter (<2.5um)	micro gm/m3	IS 5182 (PT 24):2019 (O)	60 24 HR.	41.2
12	Sulphur Dioxide (SO2)	micro gm/m3	IS 5182 : Part 2 :2001 (Reaff.2012) (O)	80 24 HR.	7.4

------ END ------

Report Verified By

For Mitra S. K. Private Limited

Authorised Signatory

Mitra S. K. Private Limited

Address of Branch :
Above Punjab National Bank
Malhar Road, NH-7, Kotma, Katni - 483501 (M.P.)
CIN: U51909WB1956PTC023037
T : 07622 - 240651, 240919
E : bmdubey@mitrask.co.in
sknigam@mitrask.co.in

TEST REPORT

Name & Address of Customer :

Prayagraj Power Generation Company Ltd.

Vill.: Khan Semra, Tehsil : Bara,

Dist.: Prayagraj
(Uttar Pradesh) [India]
(Pin Code - 212107)

Report No. : MSKGL/ED/2023-24/003058
Date : 01/11/2023
Job No : ED/AIR/KAT-2023/00018
Sample No. : MSKGL/ED/2023-24/10/01310
Reference No. & Date : 9200000102, Date - 24/05/2021

We hereby certify that the following sample Drawn by us has been analyzed with the following results:

1. Group	AIR
2. Description of sample	Ambient Air
3. Unique Identification of sample(If any)	ITI COLLEGE
4. Date of sampling	26/10/2023

Report No. : MSKGL/ED/2023-24/003058 Sample No. : MSKGL/ED/2023-24/10/01310

RESULT

Analysis Result of Ambient Air

Sl No.	Parameter	UOM	Method	Limit	Result
1	Ammonia (NH3)	micro gm/m3	TPM/MSK/ENV(AP)/01/08_(O)	400 24 HR.	11.3
2	Arsenic (As)	ng/m3	USEPA IO-3.4_(O)	6 ANNUAL	<1.0
3	Benzene (C6H6)	micro gm/m3	IS:5182(Part-11):2006 Reaff.2012_(O)	5 ANNUAL	<4.2
4	Benzo(a)Pyrene (BaP)	ng/m3	IS:5182(Part-12):2004 Reaff.: 2014_(O)	1 ANNUAL	<0.5
5	Carbon Monoxide (CO)	mg/m3	IS 5182 : Part 10 :1999 (Reaff.2014) (NDIR)_(O)	2 8HR.	0.46
6	Lead (Pb)	micro gm/m3	USEPA IO-3.4_(O)	1 24 HR	<0.01
7	Nickel (Ni)	ng/m3	USEPA IO-3.4_(O)	20 ANNUAL	<5.0
8	Nitrogen Dioxide (NO2)	micro gm/m3	IS 5182 : Part 6 :2006 (Reaff.2012)_(O)	80 24 HR.	31.2
9	Ozone (O3)	micro gm/m3	TPM/MSK/ENV(AP)/01/07_(O)	180 1 HR.	22.4
10	Particulate Matter (<10um)	micro gm/m3	IS 5182: Part 23:2006 (Reaff. 2012)_(O)	100 24 HR.	64.3
	Particulate Matter (<2.5um)	micro gm/m3	IS 5182 (PT-24):2019_(O)	60 24 HR.	33.1
12	Sulphur Dioxide (SO2)	micro gm/m3	IS 5182 : Part 2 :2001 (Reaff.2012)_(O)	80 24 HR.	<6.0

------ END ------

Report Verified By

For Mitra S. K. Private Limited

Authorised Signatory

Mitra S. K. Private Limited

Address of Branch :
Above Punjab National Bank
Maihar Road, NH-7, Kuthla, Katni - 483501 (M.P.)
CIN: U51909WB1956PTC023037
T : 07622 - 240651, 240919
E : bmdubey@mitrask.co.in
sknigam@mitrask.co.in

TEST REPORT

Name & Address of Customer :

Prayagraj Power Generation Company Ltd.

Vill.: Khan Semra, Tehsil : Bara,

Dist.: Prayagraj
(Uttar Pradesh) [India]
(Pin Code - 212107)

Report No. :	MSKGL/ED/2023-24/003059
Date :	01/11/2023
Job No :	ED/AIR/KAT-2023/00019
Sample No. :	MSKGL/ED/2023-24/10/01311
Reference No. & Date :	9200000102, Date - 24/05/2021

We hereby certify that the following sample Drawn by us has been analyzed with the following results:

1. Group	AIR
2. Description of sample	Ambient Air
3. Unique Identification of sample (If any)	LOHGARA VILLAGE
4. Date of sampling	27/10/2023

Report No. : MSKGL/ED/2023-24/003059 **Sample No. :** MSKGL/ED/2023-24/10/01311

RESULT

Analysis Result of Ambient Air

Sl.No.	Parameter	UOM	Method	Limit	Result
1	Ammonia (NH3)	micro gm/m3	TPM/MSK/ENV(AP)/01/08_(O)	400 24 HR.	19.3
2	Arsenic (As)	ng/m3	USEPA IO-3.4_(O)	6 ANNUAL	<1.0
3	Benzene (C6H6)	micro gm/m3	IS:5182(Part-11):2006 Reaff.2012_(O)	5 ANNUAL	<4.2
4	Benzo(a)Pyrene (BaP)	ng/m3	IS:5182(Part-12):2004 Reaff.. 2014_(O)	1 ANNUAL	<0.5
5	Carbon Monoxide (CO)	mg/m3	IS 5182 : Part 10 :1999 (Reaff.2014) (NDIR)_(O)	2 8HR.	0.82
6	Lead (Pb)	micro gm/m3	USEPA IO-3.4_(O)	1 24 HR.	<0.01
7	Nickel (Ni)	ng/m3	USEPA IO-3.4_(O)	20 ANNUAL	<5.0
8	Nitrogen Dioxide (NO2)	micro gm/m3	IS 5182 : Part 6 :2006 (Reaff.2012) _(O)	80 24 HR.	25.8
9	Ozone (O3)	micro gm/m3	TPM/MSK/ENV(AP)/01/07_(O)	180 1 HR.	27.8
10	Particulate Matter (<10um)	micro gm/m3	IS 5182: Part 23:2006 (Reaff. 2012)_(O)	100 24 HR.	61.2
	Particulate Matter (<2.5um)	micro gm/m3	IS 5182 (PT-24),2019_(O)	60 24 HR.	27.3
12	Sulphur Dioxide (SO2)	micro gm/m3	IS 5182 : Part 2 :2001 (Reaff.2012) _(O)	80 24 HR.	7.8

------- END -------

Report Verified By

For Mitra S. K. Private Limited

Authorised Signatory

Mitra S. K. Private Limited

Address of Branch :
Above Punjab National Bank
Katni Road, NH-7, Katni, Katni - 483501 (M.P.)
CIN: U51909WB1956PTC023037
T : 07622 - 240651, 240919
E : bmdubey@mitrask.co.in
skrigam@mitrask.co.in

TEST | INS & INSPECTIO

TEST REPORT

Name & Address of Customer :

Prayagraj Power Generation Company Ltd.

Vill.: Khan Semra, Tehsil : Bara,

Dist.: Prayagraj
(Uttar Pradesh) [India]
(Pin Code - 212107)

Report No. :	MSKGL/ED/2023-24/003060
Date :	01/11/2023
Job No :	ED/AIR/KAT-2023/00018
Sample No. :	MSKGL/ED/2023-24/10/01312
Reference No. & Date :	9200000102, Date - 24/05/2021

We hereby certify that the following sample Drawn by us has been analyzed with the following results:

1. Group	AIR
2. Description of sample	Ambient Air
3. Unique Identification of sample(if any)	BEMARA VILLAGE
4. Date of sampling	27/10/2023

Report No. : MSKGL/ED/2023-24/003060 **Sample No. :** MSKGL/ED/2023-24/10/01312

RESULT

Analysis Result of Ambient Air

Sl No.	Parameter	UOM	Method	Limit	Result
1	Ammonia (NH3)	micro gm/m3	TPM/MSK/ENV(AP)/01/08 (O)	400 24 HR.	21.6
2	Arsenic (As)	ng/m3	USEPA IO-3.4 (O)	6 ANNUAL	<1.0
3	Benzene (C6H6)	micro gm/m3	IS:5182(Part-11):2006 Reaff.2012 (O)	5 ANNUAL	<4.2
4	Benzo(a)Pyrene (BaP)	ng/m3	IS:5182(Part-12):2004 Reaff.: 2014 (O)	1 ANNUAL	<0.5
5	Carbon Monoxide (CO)	mg/m3	IS 5182 : Part 10 : 1999 (Reaff.2014) (NDIR) (O)	2 8HR.	0.61
6	Lead (Pb)	micro gm/m3	USEPA IO-3.4 (O)	1 24 HR	<0.01
7	Nickel (Ni)	ng/m3	USEPA IO-3.4 (O)	20 ANNUAL	<5.0
8	Nitrogen Dioxide (NO2)	micro gm/m3	IS 5182: Part 6 :2006 (Reaff.2012) (O)	80 24 HR.	28.1
9	Ozone (O3)	micro gm/m3	TPM/MSK/ENV(AP)/01/07 (O)	180 1 HR.	24.6
10	Particulate Matter (<10um)	micro gm/m3	IS 5182: Part 23:2006 (Reaff. 2012) (O)	100 24 HR.	64.6
11	Particulate Matter (<2.5um)	micro gm/m3	IS 5182 (PT-24):2019 (O)	60 24 HR.	29.5
12	Sulphur Dioxide (SO2)	micro gm/m3	IS 5182 : Part 2 :2001 (Reaff.2012) (O)	80 24 HR	6.3

------ END ------

Report Verified By

For Mitra S. K. Private Limited

Authorised Signatory

Mitra S. K. Private Limited

TESTING & INSPECTION

Address of Branch :
Above Punjab National Bank
Malhar Road, NH-7, Kuthia, Katni - 483501 (M.P.)
CIN: U51909WB1956PTC023037
T : 07622 - 240651, 240919
E : bmdubey@mitrask.co.in
sknigam@mitrask.co.in

TEST REPORT

Name & Address of Customer :

Prayagraj Power Generation Company Ltd.

Vill.: Khan Semra, Tehsil : Bara,

Dist.: Prayagraj
(Uttar Pradesh) [India]
[Pin Code - 212107]

Report No. : MSKGL/ED/2023-24/003061
Date : 01/11/2023
Job No : ED/AIR/KAT-2023/00018
Sample No. : MSKGL/ED/2023-24/10/01313
Reference No. & Date : 9200000102, Date - 24/05/2021

We hereby certify that the following sample Drawn by us has been analyzed with the following results.

1. Group	AIR
2. Description of sample	Ambient Air
3. Unique Identification of sample(if any)	KAPARI VILLAGE
4. e of sampling	27/10/2023

Report No. : MSKGL/ED/2023-24/003061 **Sample No. :** MSKGL/ED/2023-24/10/01313

RESULT

Analysis Result of Ambient Air

Sl No.	Parameter	UOM	Method	Limit	Result
1	Ammonia (NH3)	micro gm/m3	TPM/MSK/ENV(AP)/01/08 (O)	400 24 HR.	22.4
2	Arsenic (As)	ng/m3	USEPA IO 3.4 (O)	6 ANNUAL	<1.0
3	Benzene (C6H6)	micro gm/m3	IS:5182(Part-11):2006 Reaff.2012 (O)	5 ANNUAL	<4.2
4	Benzo(a)Pyrene (BaP)	ng/m3	IS:5182(Part-12):2004 Reaff.: 2014 (O)	1 ANNUAL	<0.5
5	Carbon Monoxide (CO)	mg/m3	IS 5182 : Part 10 :1999 (Reaff.2014) (NDIR) (O)	2 8HR.	0.76
6	Lead (Pb)	micro gm/m3	USEPA IO 3.4 (O)	1 24 HR	<0.01
7	Nickel (Ni)	ng/m3	USEPA IO 3.4 (O)	20 ANNUAL	<5.0
8	Nitrogen Dioxide (NO2)	micro gm/m3	IS 5182 : Part 6 :2006 (Reaff.2012) (O)	80 24 HR.	30.6
9	Ozone (O3)	micro gm/m3	TPM/MSK/ENV(AP)/01/07 (O)	180 1 HR.	26.2
10	Particulate Matter (<10um)	micro gm/m3	IS 5182: Part 23:2006 (Reaff. 2012) (O)	100 24 HR.	55.5
11	Particulate Matter (<2.5um)	micro gm/m3	IS 5182 (PT-24):2019 (O)	60 24 HR.	32.2
12	Sulphur Dioxide (SO2)	micro gm/m3	IS 5182 : Part 2 :2001 (Reaff.2012) (O)	80 24 HR.	7.1

----- END -----

Report Verified By

For Mitra S. K. Private Limited

Authorised Signatory

Annexure No.-08

CSR Expenditure FY 23-24		
Sr. No	**Thrust Area/Programs**	**Amount (Rs Lakh)**
1	Education	378.82
2	Health and Sanitation	
3	Employability & Employment	
4	Entrepreneurship	
5	Social and Financial Inclusion	
6	Multi Year Project through TPCDT	120.00
	Total (Rs Lakh)	**498.82**

सत्यमेव जयते

File No.: J-13011/60/2008-IA.II(T)
Government of India
Ministry of Environment, Forest and Climate Change
IA Division
***

Dated 08/02/2024

To,

M/s Prayagraj Power Generation Company Limited
24, Homi Modi Street, Bombay House, Mumbai 24, Homi Modi Street, Bombay House, Mumbai, Mumbai, MUMBAI, MAHARASHTRA, 34, Sant Tukaram Road, 400009
tatapower.moef@tatapower.com

Subject: **3x660 MW Thermal Power Project at Bara, Allahabad, U.P by M/s Prayagraj Power Generation Company Limited - Amendment in Environmental Clearance (EC) - reg.**

Sir/Madam,

This is in reference to your application vide proposal no. IA/UP/THE/442365/2023 dated 15.09.2023 for grant of amendment in Environmental Clearance (EC) to the above project under the provision of the EIA Notification 2006-and as amended thereof.

2. The particulars of the proposal are as below :

(i) EC Identification No.	EC23A0601UP5783391A
(ii) File No.	J-13011/60/2008-IA.II(T)
(iii) Clearance Type	Amendment in EC
(iv) Category	A
(v) Schedule No./ Project Activity	1(d) Thermal Power Plants
(vi) Sector	Thermal Projects
(vii) Name of Project	Prayagraj Power Generation Company Ltd
(viii) Location of Project (District, State)	PRAYAGRAJ, UTTAR PRADESH
(ix) Issuing Authority	MoEF&CC
(x) EC Date	08/09/2009
(xi) Applicability of General Conditions	NO
(xiii) Status of implementation of the project	

3. In view of the particulars given in the Para 1 above, the project proposal interalia including Form-1(Part A, B and C) were submitted to the MoEF&CC for an appraisal by the Expert Appraisal Committee EAC under the provision of EIA notification 2006 and its subsequent amendments.

4. The above-mentioned proposal has been considered by the Expert Appraisal Committee (EAC) in its meeting held on

26/09/2023. The minutes of the meeting and all the project documents are available on PARIVESH portal which can be accessed from the PARIVESH portal by scanning the QR Code above.

5. The brief about the reasons for an amendment requested along with comparison table illustrating the details of amendments sought is as under:

S. No.	Para of EC issued by MoEF&CC	Details as per the EC	To be revised/ read as	Justification/ reasons
1	EC condition No (xxii)	An amount of Rs. 32 Crore as capital and Rs. 6 crores/annum as recurring should be earmarked for activities to be taken up under CSR by the above proponent.	Amendment is sought for CSR expenditure condition in line with Section 135 of Companies Act, 2013 which states that company shall spend at least two percent of the average net profits of the company made during the three immediately preceding financial years.	Since, Section 135 of Companies Act, 2013 states that company shall spend at least two percent of the average net profit of the company made during the three immediately preceding financial years.

6. The EAC, in its meeting held on 26th September, 2023, based on information & clarifications provided by the project proponent and after detailed deliberations recommended the proposal for grant of amendment in Environment Clearance as requested by the Project Proponent subject to compliance of certain conditions.

7. The MoEF&CC has examined the proposal in accordance with the extant provisions of the Environment Impact Assessment (EIA) Notification, 2006 & further amendments thereto and based on the recommendations of the Expert Appraisal Committee hereby accords amendment in Environment Clearance dated 8/09/2009 to the project for 3x660 MW Thermal Power Project at Bara, Allahabad, U.P in favour of M/s Prayagraj Power Generation Company Limited, under the provisions of EIA Notification, 2006 and as amended thereof subject to compliance of EC conditions, general instructions issued vide EC letter dated 8.09.2009 and subject to compliance of additional specific conditions as mentioned at Annexure I.

8. This issues with the approval of the Competent Authority.

Copy To

1. The Secretary, Ministry of Power, Shram Shakti Bhawan, Rali Marg, New Delhi 110001
2. The Chairman, Central Electricity Authority, Sewa1 Bhawan, R.K. Puram, New Delhi-110066.
3. Deputy Director General of Forests (C), MoEF&CC, Regional Office (CZ) Kendriya Bhavan, 5th Floor, Sector H, Aliganj, Lucknow – 226020
4. The Principal Secretary, Department of Environment, Government of Uttar Pradesh, Sachivalaya, Bapu Bhawan, Adjacent to Vidhan Sabha, **Lucknow** - 226001 (UP)
5. The Member Secretary, Central Pollution Control Board Parivesh Bhavan, CBD-cum-Office Complex, East Arjun Nagar, **Delhi** – 32
6. The Member Secretary, Uttar Pradesh Pollution Control Board, PICUP Bhawan, Vibhuti Khand, Gomti Nagar, Lucknow (UP)
7. Monitoring Cell, Ministry of Environment, Forest and Climate Change, Indira Paryavaran Bhawan, Jor bagh Road, New Delhi
8. Guard File/Record File/Monitoring File/Website of MoEF&CC

Annexure 1

Specific EC Conditions for (Thermal Power Plants)

1. Additional Condition

S. No	EC Conditions
1.1	Periodic epidemiological study shall be conducted (Once in a year) within 5 km range of the power plant through reputed expert government/private institution (empanelled by the State

S. No	EC Conditions
	Government/Central Government for the purpose) and observations /recommendations of the study shall be submitted to IRO in 6 monthly compliance report along with action plan for implementation of the recommendations.
1.2	PP is required to submit the application for Transfer of EC dated 08th September, 2009, in terms of the provisions of EIA Notification 2006 & as amendment and Ministry's OM dated 03rd November 2023, in the prescribed format through PARIVESH
1.3	All other conditions of the Environmental Clearance letter dated 8th September 2009 for the project 3 x 660 MW Thermal Power Project located at Bara, Prayagraj in favour of M/s Prayagraj Power Generation Company Limited shall remain unchanged.

Signed by
Amit Vashishtha
Date: 08-02-2024 10:08:02
Reason: Verified and signed

Data of Stack and Ambient Air display at Main Gate of the Plant





O/C
Annexure – 10

PPGCL
PRAYAGRAJ POWER GENERATION COMPANY LTD.

PPGCL/ENV/FY24/081

Date: 21.07.2023

To,
The Member Secretary,
U.P. Pollution Control Board,
Building No. TC-12V
Vibhuti Khand, Gomti Nagar
Lucknow-226010

Subject: Environment Statement in Form V for the financial year 2022-2023.

Dear Sir,

Please find enclosed the Environment Statement report for the period April-22 to March-23 (FY 22-23) for M/s Prayagraj Power Generation Company Limited, Bara.

This is for your kind information and record please.

Yours Sincerely,
For Prayagraj Power Generation Company Limited,

S H Pandey

Chief- Operation & Maintenance (Services)

Encl: Environment Statement (Form V) for FY 22-23

Cc: The Regional Officer
U.P. Pollution Control Board, Prayagraj

21/7/23

Prayagraj Power Generation Company Limited
Registered Office : Shatabdi Bhawan, B 12 & 13, Sector 4, Gautam Budh Nagar, Noida, Uttar Pradesh - 201301
Phone: + 91-120-6102000/6102208 CIN: U40101UP2007PLC032835
Plant Address : P.O. - Lohgara, Tehsil - Bara, Prayagraj (Allahabad), Uttar Pradesh - 212107
Phone: + 91-7525006400/ 8528846666, Web:-ppgcl.co.in, Email:-ppgcl@ppgcl.co.in

FORM – V

Environment Statement for the Financial Year ending 31st March 2023

PART-A

(i)	Name and Address of the Owner/Occupier of the industry or process	:	Mr. S H Pandey Prayagraj Power Generation Company Limited Vill. - Lohgara, Tehsil- Bara Distt – Prayagraj, Uttar Pradesh Pin- 212107
(ii)	Industry Category	:	Large
(iii)	Production Capacity	:	3x660 MW (Electric Thermal Power Plant)
(iv)	Year of establishment	:	Unit-1: 2016 Unit-2: 2016 Unit-3: 2017
(v)	Date of last Environment Statement submitted	:	14.09.2022

PART-B

Water and Raw Material Consumption

(1) Water Consumption (m^3/day)

Current Year (2022-2023)

Process : 71143.7

Domestic : 398.6

Name of Product	Water consumption per unit of product output (m^3/MWh)	
	During the previous financial year 2021-2022	During the current financial year 2022-2023
Electricity	2.03	2.08

(2) Raw Material consumption

Name of raw materials	Name of Products	Consumption of raw material per unit of output (MT/MU)	
		During the previous financial year 2021-2022	During the current financial year 2022-2023
Coal	Electricity	619.07	610.4
HSD	Electricity	0.25	0.20

(3) Electricity Generation (MUs)

Name of Product	During the previous financial year 2021-2022	During the current financial year 2022-2023
Electricity	11654.94	12509.99

PART-C

Pollution discharge to Environment/Unit of output

(Parameters as specified in consent issued)

Pollutants	Quantity of pollutants discharged (T/day)	Concentration of pollutants in discharged (mass/volume) Mg/Nm^3	Percentage of variation from prescribed standards with reasons
Water	-	-	Treated process wastewater is recycled within system. Treatment domestic effluent is used in horticulture.
Air (1)PM (2)SO_2 (3)NOx	 3.8 104.0 32.9	 30.3 823.5 261.7	-

PART-D

Hazardous Waste

(As specified under Hazardous and Other waste (Management and Transboundary movement) Rules 2016)

Hazardous Waste	Total Quantity (kg)	
	During the previous financial year 2021-2022	During the current financial year 2022-2023
From Process	Cat-5.1: 40.4 kL	Cat-5.1: 27.6 kL
From Pollution Control facilities	Nil	Nil

PART-E

Solid Waste

Solid Waste	Total Quantity (MT/Annum)	
	During the previous financial year 2021-2022	During the current financial year 2022-2023
A. From Process	Nil	Nil
B. From Pollution Control facilities (Ash)	2419356	2613596

C. 1. Quantity recycled or reutilized within the unit 2. Sold 3. Recycled/Utilized	• The Fly ash is utilized in – Cement industry, for ash-based products like fly ash brick, Low lying and abandoned mine backfilling and Ash dyke raising • Total quantity utilized in FY 22-2107528.77 MT	• The Fly ash is utilized in – Cement industry, for ash-based products like fly ash brick, filling of low lying area and road construction. • Total quantity utilized in FY 23-2295579.08 MT

PART-F

Please specify the characteristics (in terms of concentration and quantum) of hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes.

- The Hazardous waste Used Oil (Cat- 5.1 - 27.6 kL) generated at site was sent to authorized recycler for recycling.
- Solid Waste: Fly Ash was utilized in Cement, Brick, filling of low-lying area and road construction.

PART-G

Impact of the pollution abatement measures taken on conversion of natural resources and on the cost of production.

(1) Installation of ETP for the treatment of industrial effluent.
(2) Installation of STP for the treatment of Domestic effluent.
(3) Installation of Ash water recovery system has been implemented.

The treated effluent is recycled within the system resulting in conservation of natural resource (fresh water).

PART-H

Additional measures/investment proposal for environmental protection including abatement of pollution, prevention of pollution.

- For the control of Air pollution ESP, one twin Flue stack of 275-meter height, dust extraction and dust suppression system has been installed.
- Online monitoring system has already been installed in stack to monitor SO_2, NOx, and particulate matter.
- CAAQMS (Continuous Ambient Air Quality Monitoring System) for online ambient air monitoring has been installed.
- For the control of Water pollution ETP & STP has been installed for the treatment of Industrial and domestic effluent. Also, ash water recovery system has been established.
- Coal pile run off pit constructed.
- Green belt has been developed in and around plant premises. The species which have been planted are- Neem, Sisam, Arjun, Pipal, Banyan, Karanj, Kaner, Gulmohar, Siris, Jamun, and Bamboo. During FY 23, we planted 20520 saplings. Till March 23 we have planted approx 3.34 lakh saplings.
- We also have developed "Miyawaki Forest" in 5650 m^2 area with plantation of local species.

- Environment monitoring carried out by NABL accredited laboratory.
- Dust suppression system has been installed in coal yard area. Fogging system installed at wagon tippler.
- We have installed solar streetlights, solar based garden lights and roof top solar of 204 kW at our school building and 61 kW at hospital.
- Solar water heaters have been installed on the roof of guest houses.
- LED lamps have been installed.
- Fly ash brick making unit has been installed under CSR activity.
- One check dam has been constructed in Jorvat village.
- Turbo ventilators have been installed in the store and mechanical workshop.
- We have constructed roof top rainwater harvesting systems and rainwater harvesting ponds in the plant premises.

PART-I

Any other particulars for improving the quality of the environment.

(i) Green Belt developed in and around the factory premises. Additional plantation is also being done.
(ii) Good housekeeping is being maintained in and around the power plant.
(iii) Treated effluent being recycled within the system.
(iv) Installed solar panels on the roof of school and hospital building.
(v) Biodegradable waste generated at site is being managed by third party to convert it into compost.
(vi) E waste and battery has been disposed through authorised recycler.

Environment Expenditure during FY 2023-2024: -

S.No.	Particular	Amount in Lakh (Rs)
1	Environment Monitoring	23.05
2	Green Belt Development	38.94
3	Online Monitoring System	27.76
4	Solid Waste Management	29.87
5	Water Sprinkler Tanker	1.2
6	Rain Harvesting	4.45
7	ESG profiling	3.65
	Total (Rs in Lakh)	**128.92**

Annexure-12

भारत सरकार
परमाणु ऊर्जा विभाग
विकिरण एवं आइसोटोप प्रौद्योगिकी बोर्ड

Government of India
Department of Atomic Energy
Board of Radiation & Isotope Technology

Certificate Tracking ID / CTID : 2306988
Date of Issue / DOI : 05-Aug-2023
Certificate Serial No. / CSN : ULR-TC1170323000000363F

TC-11703

Radioanalytical Laboratory

RADIOACTIVITY TEST CERTIFICATE

Ref : BRIT/RAL/DOM/309-320/MISC/225-236/23-24

To :
M/S PRAYAGRAJ POWER GENERATION COMPANY LTD.
POWER PLANT, VILLAGE KHANSEMRA,
TEHSIL,BARA, ALLAHABAD, UTTAR PRADESH,
INDIA, 212107

This is regarding the sample of "COAL, BOTTOM ASH & FLY ASH" sent for radioactivity analysis vide your letter dated 19-07-2023 which as per above letter is drawn from consignment with the following markings, as shown in italics:

SAMPLE DESCRIPTION	:	***1) COAL 2) BOTTOM ASH 3) FLY ASH***
QUANTITY	:	***1) 01 2) 01 3) 01***
SAMPLING DATE	:	***19.07.2023***
SAMPLE LOCATION	:	***ALLAHABAD, UTTAR PRADESH***

DATE OF RECEIPT OF SAMPLE: 19.07.2023 **DATE OF COMPLETION OF TEST: 25.07.2023**

The samples were analysed for U-238, Ra-226 , Th-232 and K-40 radioactivity content by HPGe gamma spectrometry and the values obtained are as follows:

Sr. No	NAME OF THE PRODUCT	U-238 (Bq/Kg)	Th-232 (Bq/Kg)	Ra-226 (Bq/Kg)	K-40 (Bq/Kg)
1	COAL	9.8 ± 0.5	19 ± 2.0	7 ± 0.1	mdl 6.1
2	BOTTOM ASH	30.7 ± 1.1	50.6 ± 5.1	26.4 ± 2.5	119.5 ± 6.5
3	FLY ASH	26.6 ± 0.7	50.8 ± 5.0	30.8 ± 1.9	107.9 ± 4.5

Opinion: The measurement values are below the clearance level for radionuclides of natural origin in bulk solid materials, as per AERB directive 01/2010 (table-3) dated 26/11/2010.

Note: (i) The report pertains to the given sample only. (ii) The sample will be retained in this laboratory for a period of 1 month from certificate date and thereafter it will be disposed off. (iii) This report shall not be reproduced except in full, without written approval of the laboratory. (iv) The sampling is not done by this laboratory.

Checked by:
SHEEBA S.W.
Assistant

Authorized Signatory:
AJAY NANA THAMKE
OIC, RAL

***************** End of Report *****************

The authenticity of this certificate is verifiable. Please scan the QR code using a QR scanning application on any mobile devices. Upon redirection you must enter the necessary information in landing page https://eportal.britatom.gov.in. We will then revert you back with a digital copy of the certificate in your verified e-mail ID. In accordance to IT Act 2000 (21 of 2000), this document is generated electronically through a validated s/w and need no physical/ digital signature(s).

विअप्रौबो / बीएआरसी परिसर, सेक्टर २०, वाशी, नवी मुंबई - ४०० ७०३ (महाराष्ट्र)
BRIT/ BARC Vashi Complex, Sector 20, Navi Mumbai - 400 703 (Maharashtra)
Website: www.britatom.gov.in, Phone: 022 2788 7002/ 7006

TEST REPORT

ne & Address of Customer :

yagraj Power Generation Company Ltd

: Khan Semra, Tehsil : Bara,
.: Prayagraj
ar Pradesh) [India]
Code - 212107}

Report No. : MSKGL/ED/2023-24/004792
Date : 10/02/2024
Sample No. : MSKGL/ED/2023-24/01/00547
Job No. : ED/FLY/KAT-2023/00002
Drawn/Submittedon: 15/01/2024
Reference No. & Date : 9200000102, Date - 24/05/2021

here by certify that the following sample drawn by us / submitted by the customer has been analyzed with the following results :

Description of sample (As declared by customer)	FLY ASH
Sample Mark (if any, given by the customer)	**FLY ASH**
Date of sampling	15/01/2024

eport No. : MSKGL/ED/2023-24/004792 **Sample No. :** MSKGL/ED/2023-24/01/00547

ANALYSIS RESULT

l No.	Test Parameters	Unit	Test Method	Result
1	Aluminum Oxide (as Al2O3)	mg/kg	EPA 6010D_(O)	9056
2	Arsenic as As (TCLP)	mg/l	EPA 1311: 1992	BDL(DL:0.02)
3	Barium as Ba (TCLP)	mg/l	EPA 1311: 1992	1.2
4	Cadmium as Cd (TCLP)	mg/l	EPA 1311: 1992	BDL(DL:0.1)
5	Calcium Oxide (as CaO)	mg/kg	TPM/MSK/ P&E /2/24_(O)	2091
6	Chloride (as Cl)	mg/kg	TPM/MSK/ P&E /2/25_(O)	80
7	Cobalt as Co (TCLP)	mg/l	EPA 1311_(O)	BDL(DL:0.1)
8	Copper as Cu (TCLP)	mg/l	EPA 1311: 1992	BDL(DL:0.1)
9	Fluoride (TCLP)	mg/l	EPA 1311_(O)	0.52
10	Iron Oxide (as Fe2O3)	mg/kg	TPM/MSK/ P&E /2/31_(O)	16008
11	Iron as Fe (TCLP)	mg/l	EPA 1311_(O)	2.1
12	Lead as Pb (TCLP)	mg/l	EPA 1311: 1992	BDL(DL:0.1)
13	Loss on ignition	%	TPM/MSK/P&E/2/4_(O)	0.17
14	Magnesium Oxide (as MgO)	mg/kg	TPM/MSK/ P&E /2/26_(O)	862
15	Manganese as Mn (TCLP)	mg/l	EPA 1311_(O)	0.23
16	Mercury as Hg (TCLP)	mg/l	EPA 1311: 1992	BDL(DL:0.5)

* This results relate only to the item(s) tested.
* This Test Report shall not be reproduced except in full, without the permission of Mitra S. K. Private Limited.

ShrachiCentre(6thFloor),74B,A.J.C.BoseRoad,Kolkata-700016,WestBengal,india.

Mitra S. K. Private Limited

MSK TESTING • INSPECTION

Report No. : MSKGL/ED/2023-24/004792 **Sample No. :** MSKGL/ED/2023-24/01/00547

ANALYSIS RESULT

Sl No.	Test Parameters	Unit	Test Method	Result
17	Moisture content	%	TPM/MSK/ P&E /2/28_(O)	3.1
18	Nickel as Ni (TCLP)	mg/l	EPA 1311: 1992	BDL(DL:0.1)
19	P2O5	mg/kg	TPM/MSK/ P&E /2/32_(O)	1766
20	Particle Size (10 - 50)	%	TPM/MSK/ P&E /5/01_(O)	44
21	Particle Size (100 - 150 micron)	%	TPM/MSK/ P&E /5/01_(O)	8.2
22	Particle Size (50 - 75)	%	TPM/MSK/ P&E /5/01_(O)	1.8
23	Particle Size (75 - 100)	%	TPM/MSK/ P&E /5/01_(O)	2.2
24	Particle Size (>150)	%	TPM/MSK/ P&E /5/01_(O)	15
25	Particle Size (Below 10 micron)	%	TPM/MSK/ P&E /5/01_(O)	23
26	Permeability	Cm/hr	IS 2720 (Part 17)-1986; Rffm:2011_(O)	1.9
27	Pottasium Oxide (as K2O)	mg/kg	TPM/MSK/ P&E /2/27_(O)	571
28	Silicon Dioxide (as SiO2)	%	TPM/MSK/ P&E /2/60_(O)	46
29	Sodium Oxide (as Na2O)	mg/kg	TPM/MSK/ P&E /2/27_(O)	268
30	Specific gravity	None	IS 2720 (Part-3)-1980; Rffm:2011_(O)	2.15
31	Sulphate as SO3	mg/kg	TPM/MSK/P&E/2/37_(O)	283
32	Titanium Oxide (as TiO2)	mg/kg	EPA 6010D_(O)	BDL(DL:4.0)
33	Total Chromium as Cr (TCLP)	mg/l	EPA 1311: 1992	BDL(DL:0.1)
34	Zinc as Zn (TCLP)	mg/l	EPA 1311: 1992	0.22

DL : Detection Limit ***BDL : Below Detection Limit***

Opinion :

Report Verified By

For Mitra S. K. Private Limited

Authorised Signatory

* *This results relate only to the item(s) tested.*

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TEST REPORT

ne & Address of Customer :

yagraj Power Generation Company Ltd

Khan Semra, Tehsil : Bara,
: Prayagraj
ar Pradesh) [India]
Code - 212107}

Report No. : MSKGL/ED/2023-24/004796

Date : 10/02/2024

Sample No. : MSKGL/ED/2023-24/01/00548

Job No. : ED/FLY/KAT-2023/00002

Drawn/Submittedon: 15/01/2024

Reference No. & Date : 9200000102, Date - 24/05/2021

here by certify that the following sample drawn by us / submitted by the customer has been analyzed with the following results :

Description of sample (As declared by customer)	BOTTOM ASH
Sample Mark (if any, given by the customer)	**BOTTOM ASH**
Date of sampling	15/01/2024

:port No. : MSKGL/ED/2023-24/004796 **Sample No. :** MSKGL/ED/2023-24/01/00548

ANALYSIS RESULT.

l No.	Test Parameters	Unit	Test Method	Result
1	Aluminum Oxide (as Al2O3)	mg/kg	EPA 6010D_(O)	3646
2	Arsenic as As (TCLP)	mg/l	EPA 1311: 1992	BDL(DL:0.02)
3	Barium as Ba (TCLP)	mg/l	EPA 1311: 1992	4.6
4	Cadmium as Cd (TCLP)	mg/l	EPA 1311: 1992	BDL(DL:0.1)
5	Calcium Oxide (as CaO)	mg/kg	TPM/MSK/ P&E /2/24_(O)	1166
6	Chloride (as Cl)	mg/kg	TPM/MSK/ P&E /2/25_(O)	130
7	Cobalt as Co (TCLP)	mg/l	EPA 1311_(O)	BDL(DL:0.1)
8	Copper as Cu (TCLP)	mg/l	EPA 1311: 1992	BDL(DL:0.1)
9	Fluoride (TCLP)	mg/l	EPA 1311_(O)	0.31
10	Iron Oxide (as Fe2O3)	mg/kg	TPM/MSK/ P&E /2/31_(O)	29850
11	Iron as Fe (TCLP)	mg/l	EPA 1311_(O)	0.86
12	Lead as Pb (TCLP)	mg/l	EPA 1311: 1992	BDL(DL:0.1)
13	Loss on ignition	%	TPM/MSK/P&E/2/4_(O)	0.78
14	Magnesium Oxide (as MgO)	mg/kg	TPM/MSK/ P&E /2/26_(O)	618
15	Manganese as Mn (TCLP)	mg/l	EPA 1311_(O)	0.24
16	Mercury as Hg (TCLP)	mg/l	EPA 1311: 1992	BDL(DL:0.5)

* *This results relate only to the item(s) tested.*

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ShrachiCentre(5thFloor),74B,A.J.C.BoseRoad,Kolkata-700016,WestBengal,India.
el. : 91 33 40143000 / 22650007 Fax : 91 33 22650008
Email : mro@mitrask.com Website : www.mitrask.com

Report No. : MSKGL/ED/2023-24/004796 Sample No. : MSKGL/ED/2023-24/01/00548

ANALYSIS RESULT

l No.	Test Parameters	Unit	Test Method	Result
17	Moisture content	%	TPM/MSK/ P&E /2/28_(0)	5.8
18	Nickel as Ni (TCLP)	mg/l	EPA 1311: 1992	BDL(DL:0.1)
19	P2O5	mg/kg	TPM/MSK/ P&E /2/32_(0)	634
20	Particle Size (10 - 50)	%	TPM/MSK/ P&E /5/01_(0)	3.6
21	Particle Size (100 - 150 micron)	%	TPM/MSK/ P&E /5/01_(0)	2.8
22	Particle Size (50 - 75)	%	TPM/MSK/ P&E /5/01_(0)	1.7
23	Particle Size (75 - 100)	%	TPM/MSK/ P&E /5/01_(0)	9.3
24	Particle Size (>150)	%	TPM/MSK/ P&E /5/01_(0)	69
25	Particle Size (Below 10 micron)	%	TPM/MSK/ P&E /5/01_(0)	1.3%
26	Permeability	Cm/hr	IS 2720 (Part 17)-1986; Rffm:2011_(0)	19
27	Pottasium Oxide (as K2O)	mg/kg	TPM/MSK/ P&E /2/27_(0)	232
28	Silicon Dioxide (as SiO2)	%	TPM/MSK/ P&E /2/60_(0)	51
29	Sodium Oxide (as Na2O)	mg/kg	TPM/MSK/ P&E /2/27_(0)	254
30	Specific gravity	None	IS 2720 (Part-3)-1980; Rffm:2011_(0)	2.23
31	Sulphate as SO3	mg/kg	TPM/MSK/P&E/2/37_(0)	218
32	Titanium Oxide (as TiO2)	mg/kg	EPA 6010D_(0)	BDL(DL:4.0)
33	Total Chromium as Cr (TCLP)	mg/l	EPA 1311: 1992	BDL(DL:0.1)
34	Zinc as Zn (TCLP)	mg/l	EPA 1311: 1992	0.14

)L : Detection Limit BDL : Below Detection Limit

)pinion :

Report Verified By

For Mitra S. K. Private Limited

Authorised Signatory

* *This results relate only to the item(s) tested.*

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