ITS TESTING LABORATORY PRIVATE LIMITED

Laboratory: A-114, Sector-80, Phase-II Noida, Gautam Budh Nagar - 201305, (U.P.)
(An ISO 9001: 2015, ISO 14001:2015 & ISO 45001:2018 Certified Laboratory)
Website: www.itslab.in, Email: itlrclab@gmail.com, info@itslab.in, contact@itslab.in
+91 9911659800, 9305780312, 09958849764

TEST REPORT

Test Report of	Report Code	Date of Issue
Boiler Stack Emission	SE-130326-06	20/03/2026

ISSUED TO: MS LALITPUR POWER GENERATION COMPANY LIMITED
VILLAGE- MIRCHWARA AND BUROGAON, TEHSIL- MAHRONI,
LALITPUR-284123 (U.P) INDIA

SAMPLING & ANALYSIS DATA

Sample Drawn on	:	11/03/2026 (Time 11:55 am to 12:25 pm)
Sample Drawn By	:	Mr. Amit Sharma/R. K. Singh (ITS Lab)
Sample Description	:	Boiler Stack Emission
Sampling Time	:	30
Sampling Plan &Procedure	:	SOP/SE/09
Analysis Duration	:	13/03/2026 TO 20/03/2026
Ambient Temperature(°C)	:	30
Stack Temperature (°C)	:	123
Source of Emission	:	**Stack Attached to Boilers No-1**
Attached APCS	:	**ESP**
Type of Fuel used	:	Coal
Quantity of Flue Used	:	226 ton/Hrs
Operating Load	:	56.0%
Type of Stack	:	RCC
Diameter of Stack(meter) (at port Hole)	:	7.5
Height of Stack above ground level(meter)	:	275
Average Velocity of Flue Emission (m/s)	:	19.79
Quantity Of Emission Discharge (Nm^3/hr)	:	2464670.44

ANALYSIS TEST RESULT

S.N.	Parameter	Test Method	Results	Units	Limit As per MOEF & CC Notification G.S.R 465 (E) & Date- 11.07.2025
1.	Particulate Matter (PM)	IS:11255(Part-1)	17.2	mg/Nm^3	50
2.	Sulphur dioxide (as SO2)	IS:11255(Part-2)	780	mg/Nm^3	Not Applicable
3.	Nitrogen dioxide (as NO2)	IS:11255(Part-7)	258	mg/Nm^3	450
4.	Carbon monoxide (as CO)	IS:13270	0.004	% by Volume	1% Volume
5.	Mercury (as Hg)	AAS Method	BDL	mg/Nm^3	0.03

Remark-The standard limit is applicable MOEF & CC Notification G.S.R 465 (E) & Date- 11.07.2025 as per Govt. Notification Dated 11/07/2025. BDL-Below Detection Limit

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AUTHORIZED SIGNATORY

ITS TESTING LABORATORY PVT. LTD.

Terms & Conditions :
1. Test reports are valid only for the samples tested in our laboratory. 2. Samples will destroyed as per quality policy.
3. Any complaints about the report should be communicated in writing within 7 days.
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TEST REPORT

Test Report of	Report Code	Date of Issue
Boiler Stack Emission	SE-130326-07	20/03/2026

ISSUED TO: **MS LALITPUR POWER GENERATION COMPANY LIMITED**
VILLAGE- MIRCHWARA AND BUROGAON, TEHSIL- MAHRONI,
LALITPUR-284123 (U.P) INDIA

SAMPLING & ANALYSIS DATA

Sample Drawn on	:	11/03/2026 (Time 10:45 to 11:15)
Sample Drawn By	:	Mr. Amit Sharma/R. K. Singh (ITS Lab)
Sample Description	:	Boiler Stack Emission
Sampling Time	:	34
Sampling Plan &Procedure	:	SOP/SE/09
Analysis Duration	:	13/03/2026 TO 20/03/2026
Ambient Temperature(°C)	:	30
Stack Temperature (°C)	:	115
Source of Emission	:	**Stack Attached to Boilers No-2**
Attached APCS	:	**ESP**
Type of Fuel used	:	Coal
Quantity of Flue Used	:	247 ton/Hrs
Operating Load	:	56.67%
Type of Stack	:	RCC
Diameter of Stack(meter) (at port Hole)	:	7.5
Height of Stack above ground level(meter)	:	275
Average Velocity of Flue Emission (m/s)	:	19.77
Quantity Of Emission Discharge (Nm^3/hr)	:	2477201.19

ANALYSIS TEST RESULT

S.N.	Parameter	Test Method	Results	Units	Limit As per MOEF & CC Notification G.S.R 465 (E) & Date- 11.07.2025
1.	Particulate Matter (PM)	IS:11255(Part-1)	24.90	mg/Nm^3	50
2.	Sulphur dioxide (as SO2)	IS:11255(Part-2)	787	mg/Nm^3	Not Applicable
3.	Nitrogen dioxide (as NO2)	IS:11255(Part-7)	329	mg/Nm^3	450
4.	Carbon monoxide (as CO)	IS:13270	0.005	% by Volume	1% Volume
5.	Mercury (as Hg)	AAS Method	BDL	mg/Nm^3	0.03

Remark- The standard limit is applicable MOEF & CC Notification G.S.R 465 (E) & Date- 11.07.2025 as per Govt. Notification Dated 11/07/2025. BDL-Below Detection Limit

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TEST REPOT

Test Report of	Report Code	Date of Issue
Boiler Stack Emission	SE-130326-08	20/03/2026

ISSUED TO: **MS LALITPUR POWER GENERATION COMPANY LIMITED**
VILLAGE- MIRCHWARA AND BUROGAON, TEHSIL- MAHRONI,
LALITPUR-284123 (U.P) INDIA

SAMPLING & ANALYSIS DATA

Sample Drawn on	:	11/03/2026 (Time 11:20 to 11:50)
Sample Drawn By	:	Mr. Amit Sharma/R. K. Singh (ITS Lab)
Sample Description	:	Boiler Stack Emission
Sampling Time	:	37
Sampling Plan &Procedure	:	SOP/SE/09
Analysis Duration	:	13/03/2026 TO 20/03/2026
Ambient Temperature(°C)	:	31
Stack Temperature (°C)	:	121
Source of Emission	:	**Stack Attached to Boilers No-3**
Attached APCS	:	**ESP**
Type of Fuel used	:	Coal
Quantity of Flue Used	:	275 ton/Hrs
Operating Load	:	56.97%
Type of Stack	:	RCC
Diameter of Stack(meter) (at port Hole)	:	7.5
Height of Stack above ground level(meter)	:	275
Average Velocity of Flue Emission (m/s)	:	19.89
Quantity Of Emission Discharge (Nm^3/hr)	:	2472315.20

ANALYSIS TEST RESULT

S.N.	Parameter	Test Method	Results	Units	Limit As per MOEF & CC Notification G.S.R 465 (E) & Date- 11.07.2025
1.	Particulate Matter (PM)	IS:11255(Part-1)	19.10	mg/Nm^3	50
2.	Sulphur dioxide (as SO2)	IS:11255(Part-2)	795	mg/Nm^3	Not Applicable
3.	Nitrogen dioxide (as NO2)	IS:11255(Part-7)	332	mg/Nm^3	450
4.	Carbon monoxide (as CO)	IS:13270	0.005	% by Volume	1% Volume
5.	Mercury (as Hg)	AAS Method	BDL	mg/Nm^3	0.03

Remark- The standard limit is applicable MOEF & CC Notification G.S.R 465 (E) & Date- 11.07.2025 as per Govt. Notification Dated 11/07/2025. BDL-Below Detection Limit

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