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
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TC-11181

TEST REPORT

Ambient Air Quality Analysis

Report Code: AAQ-130326-11 **Issue Date: 20/03/2026**

Issued To: M/S. LALITPUR POWER GENERATION COMPANY LIMITED
VILLAGE- MIRCHWARA AND BUROGAON, TEHSIL- MAHRONI,
LALITPUR -284123 (U.P) INDIA

SAMPLING & ANALYSIS DATA

Sample Description	:	Ambient Air
Date of Sampling	:	11/03/2026 to 12/03/2026
Sample Drawn By	:	**Mr. R.K Singh & Amit Sharma (ITS LAB Representative)**
Sampling Location	:	**Near Admin Block Area**
Sampling Plan &Procedure	:	IS:5182 & CPCB Guidelines
Average Flow Rate of SPM (m^3/min.)	:	1.16
Average Flow Rate of Gases (lpm)	:	0.2
Sampling Instrument Used	:	Respirable Dust Sampler (PM_{10}) Fine Particulate Sampler ($PM_{2.5}$) With Gaseous Attachment
Sampling Machine Placed At Height	:	2.5 Meter from Ground Level
Ambient Temperature & Humidity	:	30 &60 %
Weather Condition	:	Clear
Sample Received On	:	13/03/2026
Analysis Duration	:	13/03/2026 To 20/03/2026

TEST RESULT

S. No.	Parameter	Test Method	Results	Limits as per CPCB Notification 18th Nov 2009
1.	Particulate Matter (PM_{10}) ($\mu g/m^3$)	IS:5182 (Part-23)	35.4	100
2.	Particulate Matter ($PM_{2.5}$) ($\mu g/m^3$)	IS:5182 (Part-24)	24.8	60
3.	Sulphur dioxide (as SO_2) ($\mu g/m^3$)	IS:5182 (Part-02/Sec-2)	12.9	80
4.	Nitrogen dioxide (as NO_2) ($\mu g/m^3$)	IS 5182 (Part-06/Sec-2)	22.1	80
5.	Carbon monoxide (as CO) (mg/m^3)	IS:5182 (Part-10)	0.69	4.0
6	Lead (as Pb) (ng/m^3)	IS:5182 (Part-22)	BDL	1.0
7	Ozone (as O_3) ($\mu g/m^3$)	IS:5182 (Part-09)	15.48	180
8	Benzene (as C_6H_6) ($\mu g/m^3$)	IS:5182 (Part-11)	BDL	5.0
9	Benzo (a) Pyrine, (ng/m^3)	IS:5182 (Part-12)	BDL	1.0
10	Ammonia (as NH_3) ($\mu g/m^3$)	IS:5182 (Part-25)	BDL	400
11	Nickel (as Ni) (ng/m^3)	IS:5182 (Part-26)	BDL	20
12	Arsenic (as As) (ng/m^3)	APHA-AIR 3rd Edition-302	BDL	6.0
13	Mercury (as Hg) ($\mu g/m^3$)	APHA – AIR (ICP-MS)	BDL	No Limit Specified

Note: - Report shall not be produce except in full without approval of the laboratory
BDL-Below Detection Limit.

Reviewed by

Authorized Signatory

ITS TESTING LABORATORY PVT. LTD.

End of Report

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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TC-11181

TEST REPORT

Ambient Air Quality Analysis

Report Code: AAQ-130326-12 **Issue Date: 20/03/2026**

Issued To: M/S. LALITPUR POWER GENERATION COMPANY LIMITED
VILLAGE- MIRCHWARA AND BUROGAON, TEHSIL- MAHRONI,
LALITPUR -284123 (U.P) INDIA

SAMPLING & ANALYSIS DATA

Sample Description	:	Ambient Air
Date of Sampling	:	11/03/2026 to 12/03/2026
Sample Drawn By	:	**Mr. R.K Singh & Amit Sharma (ITS LAB Representative)**
Sampling Location	:	**Near Material Gate No. -02**
Sampling Plan &Procedure	:	IS:5182 & CPCB Guidelines
Average Flow Rate of SPM (m^3/min.)	:	1.14
Average Flow Rate of Gases (lpm)	:	0.2
Sampling Instrument Used	:	Respirable Dust Sampler (PM_{10}) Fine Particulate Sampler ($PM_{2.5}$) With Gaseous Attachment
Sampling Machine Placed At Height	:	2.5 Meter from Ground Level
Ambient Temperature & Humidity	:	30^0C & 60 %
Weather Condition	:	Clear
Sample Received On	:	13/03/2026
Analysis Duration	:	13/03/2026 To 20/03/2026

TEST RESULT

S. No.	Parameter	Test Method	Results	Limits as per CPCB Notification 18th Nov 2009
1.	Particulate Matter (PM_{10}) ($\mu g/m^3$)	IS:5182 (Part-23)	38.2	100
2.	Particulate Matter ($PM_{2.5}$) ($\mu g/m^3$)	IS:5182 (Part-24)	28.6	60
3.	Sulphur dioxide (as SO_2) ($\mu g/m^3$)	IS:5182 (Part-02/Sec-2)	14.3	80
4.	Nitrogen dioxide (as NO_2) ($\mu g/m^3$)	IS 5182 (Part-06/Sec-2)	24.5	80
5.	Carbon monoxide (as CO) (mg/m^3)	IS:5182 (Part-10)	0.70	4.0
6	Lead (as Pb) (ng/m^3)	IS:5182 (Part-22)	BDL	1.0
7	Ozone (as O_3) ($\mu g/m^3$)	IS:5182 (Part-09)	16.9	180
8	Benzene (as C_6H_6) ($\mu g/m^3$)	IS:5182 (Part-11)	BDL	5.0
9	Benzo (a) Pyrine, (ng/m^3)	IS:5182 (Part-12)	BDL	1.0
10	Ammonia (as NH_3) ($\mu g/m^3$)	IS:5182 (Part-25)	BDL	400
11	Nickel (as Ni) (ng/m^3)	IS:5182 (Part-26)	BDL	20
12	Arsenic (as As) (ng/m^3)	APHA-AIR 3rd Edition-302	BDL	6.0
13	Mercury (asHg) ($\mu g/m^3$)	APHA – AIR (ICP-MS)	BDL	No Limit Specified

Note: - Report shall not be produce except in full without approval of the laboratory
BDL-Below Detection Limit.

Reviewed by

End of Report

Authorized Signatory

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TC-11181

TEST REPORT

Ambient Air Quality Analysis

Report Code: AAQ-130326-13 **Issue Date: 20/03/2026**

Issued To: M/S. LALITPUR POWER GENERATION COMPANY LIMITED
VILLAGE- MIRCHWARA AND BUROGAON, TEHSIL- MAHRONI,
LALITPUR -284123 (U.P) INDIA

SAMPLING & ANALYSIS DATA

Sample Description	:	Ambient Air
Date of Sampling	:	11/03/2026 to 12/03/2026
Sample Drawn By	:	**Mr. R.K Singh & Amit Sharma (ITS LAB Representative)**
Sampling Location	:	**Near -Permanent Hostel**
Sampling Plan &Procedure	:	IS:5182 & CPCB Guidelines
Average Flow Rate of SPM (m^3/min.)	:	1.18
Average Flow Rate of Gases (lpm)	:	0.2
Sampling Instrument Used	:	Respirable Dust Sampler (PM_{10}) Fine Particulate Sampler ($PM_{2.5}$) With Gaseous Attachment
Sampling Machine Placed At Height	:	2.5 Meter from Ground Level
Ambient Temperature & Humidity	:	30^0C & 60 %
Weather Condition	:	Clear
Sample Received On	:	13/03/2026
Analysis Duration	:	13/03/2026 To 20/03/2026

TEST RESULT

S. No.	Parameter	Test Method	Results	Limits as per CPCB Notification 18th Nov 2009
1.	Particulate Matter (PM_{10}) ($\mu g/m^3$)	IS:5182 (Part-23)	31.6	100
2.	Particulate Matter ($PM_{2.5}$) ($\mu g/m^3$)	IS:5182 (Part-24)	22.8	60
3.	Sulphur dioxide (as SO_2) ($\mu g/m^3$)	IS:5182 (Part-02/Sec-2)	10.79	80
4.	Nitrogen dioxide (as NO_2) ($\mu g/m^3$)	IS 5182 (Part-06/Sec-2)	20.6	80
5.	Carbon monoxide (as CO) (mg/m^3)	IS:5182 (Part-10)	0.64	4.0
6	Lead (as Pb) (ng/m^3)	IS:5182 (Part-22)	BDL	1.0
7	Ozone (as O_3) ($\mu g/m^3$)	IS:5182 (Part-09)	15.0	180
8	Benzene (as C_6H_6) ($\mu g/m^3$)	IS:5182 (Part-11)	BDL	5.0
9	Benzo (a) Pyrine, (ng/m^3)	IS:5182 (Part-12)	BDL	1.0
10	Ammonia (as NH_3) ($\mu g/m^3$)	IS:5182 (Part-25)	BDL	400
11	Nickel (as Ni) (ng/m^3)	IS:5182 (Part-26)	BDL	20
12	Arsenic (as As) (ng/m^3)	APHA-AIR 3rd Edition-302	BDL	6.0
13	Mercury (asHg) ($\mu g/m^3$)	APHA – AIR (ICP-MS)	BDL	No Limit Specified

Note: - Report shall not be produce except in full without approval of the laboratory

BDL-Below Detection Limit.

Reviewed by

*****End of Report*****

ITS TESTING LABORATORY PVT. LTD.

Authorized Signatory

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TC-11181

TEST REPORT

Ambient Air Quality Analysis

Report Code: AAQ-130326-14 **Issue Date: 20/03/2026**

Issued To: M/S. LALITPUR POWER GENERATION COMPANY LIMITED
VILLAGE- MIRCHWARA AND BUROGAON, TEHSIL- MAHRONI,
LALITPUR -284123 (U.P) INDIA

SAMPLING & ANALYSIS DATA

Sample Description	:	Ambient Air
Date of Sampling	:	12/03/2026 to 13/03/2026
Sample Drawn By	:	**Mr. R.K Singh & Amit Sharma (ITS LAB Representative)**
Sampling Location	:	**Near Vishnu Temple**
Sampling Plan &Procedure	:	IS:5182 & CPCB Guidelines
Average Flow Rate of SPM (m^3/min.)	:	1.21
Average Flow Rate of Gases (lpm)	:	0.2
Sampling Instrument Used	:	Respirable Dust Sampler (PM_{10}) Fine Particulate Sampler ($PM_{2.5}$) With Gaseous Attachment
Sampling Machine Placed At Height	:	2.5 Meter from Ground Level
Ambient Temperature & Humidity	:	30^0C & 62 %
Weather Condition	:	Clear
Sample Received On	:	13/03/2026
Analysis Duration	:	13/03/2026 To 20/03/2026

TEST RESULT

S. No.	Parameter	Test Method	Results	Limits as per CPCB Notification 18th Nov 2009
1.	Particulate Matter (PM_{10}) ($\mu g/m^3$)	IS:5182 (Part-23)	29.7	100
2.	Particulate Matter ($PM_{2.5}$) ($\mu g/m^3$)	IS:5182 (Part-24)	17.6	60
3.	Sulphur dioxide (as SO_2) ($\mu g/m^3$)	IS:5182 (Part-02/Sec-2)	8.36	80
4.	Nitrogen dioxide (as NO_2) ($\mu g/m^3$)	IS 5182 (Part-06/Sec-2)	16.4	80
5.	Carbon monoxide (as CO) (mg/m^3)	IS:5182 (Part-10)	0.49	4.0
6	Lead (as Pb) (ng/m^3)	IS:5182 (Part-22)	BDL	1.0
7	Ozone (as O_3) ($\mu g/m^3$)	IS:5182 (Part-09)	15.0	180
8	Benzene (as C_6H_6) ($\mu g/m^3$)	IS:5182 (Part-11)	BDL	5.0
9	Benzo (a) Pyrine, (ng/m^3)	IS:5182 (Part-12)	BDL	1.0
10	Ammonia (as NH_3) ($\mu g/m^3$)	IS:5182 (Part-25)	BDL	400
11	Nickel (as Ni) (ng/m^3)	IS:5182 (Part-26)	BDL	20
12	Arsenic (as As) (ng/m^3)	APHA-AIR 3rd Edition-302	BDL	6.0
13	Mercury (asHg) ($\mu g/m^3$)	APHA – AIR (ICP-MS)	BDL	No Limit Specified

Note: - Report shall not be produce except in full without approval of the laboratory

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Reviewed by

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Authorized Signatory

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TC-11181

TEST REPORT

Ambient Air Quality Analysis

Report Code: AAQ-130326-15 **Issue Date: 20/03/2026**

Issued To: M/S. LALITPUR POWER GENERATION COMPANY LIMITED
VILLAGE- MIRCHWARA AND BUROGAON, TEHSIL- MAHRONI,
LALITPUR -284123 (U.P) INDIA

SAMPLING & ANALYSIS DATA

Sample Description	:	Ambient Air
Date of Sampling	:	12/03/2026 to 13/03/2026
Sample Drawn By	:	**Mr. R.K Singh & Amit Sharma (ITS LAB Representative)**
Sampling Location	:	**Udaipura Village**
Sampling Plan &Procedure	:	IS:5182 & CPCB Guidelines
Average Flow Rate of SPM (m^3/min.)	:	1.18
Average Flow Rate of Gases (lpm)	:	0.2
Sampling Instrument Used	:	Respirable Dust Sampler (PM_{10}) Fine Particulate Sampler ($PM_{2.5}$) With Gaseous Attachment
Sampling Machine Placed At Height	:	2.5 Meter from Ground Level
Ambient Temperature & Humidity	:	30^0C & 62%
Weather Condition	:	Clear
Sample Received On	:	13/03/2026
Analysis Duration	:	13/03/2026 To 20/03/2026

TEST RESULT

S. No.	Parameter	Test Method	Results	Limits as per CPCB Notification 18th Nov 2009
1.	Particulate Matter (PM_{10}) ($\mu g/m^3$)	IS:5182 (Part-23)	33.5	100
2.	Particulate Matter ($PM_{2.5}$) ($\mu g/m^3$)	IS:5182 (Part-24)	18.6	60
3.	Sulphur dioxide (as SO_2) ($\mu g/m^3$)	IS:5182 (Part-02/Sec-2)	12.4	80
4.	Nitrogen dioxide (as NO_2) ($\mu g/m^3$)	IS 5182 (Part-06/Sec-2)	16.2	80
5.	Carbon monoxide (as CO) (mg/m^3)	IS:5182 (Part-10)	0.65	4.0
6	Lead (as Pb) (ng/m^3)	IS:5182 (Part-22)	BDL	1.0
7	Ozone (as O_3) ($\mu g/m^3$)	IS:5182 (Part-09)	16.7	180
8	Benzene (as C_6H_6) ($\mu g/m^3$)	IS:5182 (Part-11)	BDL	5.0
9	Benzo (a) Pyrine, (ng/m^3)	IS:5182 (Part-12)	BDL	1.0
10	Ammonia (as NH_3) ($\mu g/m^3$)	IS:5182 (Part-25)	BDL	400
11	Nickel (as Ni) (ng/m^3)	IS:5182 (Part-26)	BDL	20
12	Arsenic (as As) (ng/m^3)	APHA-AIR 3rd Edition-302	BDL	6.0
13	Mercury (asHg) ($\mu g/m^3$)	APHA – AIR (ICP-MS)	BDL	No Limit Specified

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Reviewed by

ITS TESTING LABORATORY PVT. LTD.

Authorized Signatory

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TC-11181

TEST REPORT

Ambient Air Quality Analysis

Report Code: AAQ-130326-16 **Issue Date: 20/03/2026**

Issued To: M/S. LALITPUR POWER GENERATION COMPANY LIMITED
VILLAGE- MIRCHWARA AND BUROGAON, TEHSIL- MAHRONI,
LALITPUR -284123 (U.P) INDIA

SAMPLING & ANALYSIS DATA

Sample Description	:	Ambient Air
Date of Sampling	:	12/03/2026 to 13/03/2026
Sample Drawn By	:	**Mr. R.K Singh & Amit Sharma (ITS LAB Representative)**
Sampling Location	:	**Chiglaua Village**
Sampling Plan &Procedure	:	IS:5182 & CPCB Guidelines
Average Flow Rate of SPM (m^3/min.)	:	1.19
Average Flow Rate of Gases (lpm)	:	0.2
Sampling Instrument Used	:	Respirable Dust Sampler (PM_{10}) Fine Particulate Sampler ($PM_{2.5}$) With Gaseous Attachment
Sampling Machine Placed At Height	:	2.5 Meter from Ground Level
Ambient Temperature & Humidity	:	30^0C & 62%
Weather Condition	:	Clear
Sample Received On	:	13/03/2026
Analysis Duration	:	13/03/2026 To 20/03/2026

TEST RESULT

S. No.	Parameter	Test Method	Results	Limits as per CPCB Notification 18th Nov 2009
1.	Particulate Matter (PM_{10}) ($\mu g/m^3$)	IS:5182 (Part-23)	30.5	100
2.	Particulate Matter ($PM_{2.5}$) ($\mu g/m^3$)	IS:5182 (Part-24)	17.2	60
3.	Sulphur dioxide (as SO_2) ($\mu g/m^3$)	IS:5182 (Part-02/Sec-2)	11.7	80
4.	Nitrogen dioxide (as NO_2) ($\mu g/m^3$)	IS 5182 (Part-06/Sec-2)	18.9	80
5.	Carbon monoxide (as CO) (mg/m^3)	IS:5182 (Part-10)	0.55	4.0
6	Lead (as Pb) (ng/m^3)	IS:5182 (Part-22)	BDL	1.0
7	Ozone (as O_3) ($\mu g/m^3$)	IS:5182 (Part-09)	16.8	180
8	Benzene (as C_6H_6) ($\mu g/m^3$)	IS:5182 (Part-11)	BDL	5.0
9	Benzo (a) Pyrine, (ng/m^3)	IS:5182 (Part-12)	BDL	1.0
10	Ammonia (as NH_3) ($\mu g/m^3$)	IS:5182 (Part-25)	BDL	400
11	Nickel (as Ni) (ng/m^3)	IS:5182 (Part-26)	BDL	20
12	Arsenic (as As) (ng/m^3)	APHA-AIR 3rd Edition-302	BDL	6.0
13	Mercury (asHg) ($\mu g/m^3$)	APHA – AIR (ICP-MS)	BDL	No Limit Specified

Note: - Report shall not be produce except in full without approval of the laboratory

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Reviewed by

Authorized Signatory

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