



Newcon Consultants & Laboratories



(GOVERNMENT APPROVED TESTING LABORATORIES)
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TEST REPORT

Page No.: 1 of 2

TEST REPORT No. NCL/EP-022/15/03/24/A		DATE OF REPORT : 20/03/2024
Name and Address of Customer	M/S LALITPUR POWER GENERATION COMPANY LIMITED, Village-Mirchwara and Burogaon, Tehsil-Mahroni, Lalitpur-284123 (U.P) India	

SAMPLING DETAIL

Sample Name	: AMBIENT AIR	Analysis End Date	: 20/03/2024
Analysis Start Date	: 15/03/2024	Sampling Done By	: NCL
Date of Sampling	: 13/03/2024	Sampling Location	: Near Chigliaua Village
Time of Sampling	: 12:00 PM (13/03) TO 12:00 PM (14/03)	Sample ID No.	: NCL/EP-022/15/03/24
Sampling Protocol	: IS:5182 (P-5) AS PER CPCB GUIDELINES	Sampling Flow Rate of SPM (Average)	: 1.25 Mtr ³ /Min
Sampling Flow Rate for Gases	: 0.5 LPM	Sampling Machine Placed at Height (from ground)	: 3.0 Mtr
Sampling Duration	: 24 Hrs	Equipments Used	: Respirable Dust Sampler (PM10)+Fine Particulate Sampler (PM2.5) With Gaseous Attachment

PHYSICAL OBSERVATIONS

Ambient Temperature	: 28°C	Wind Direction	: East to West
Weather Conditions	: Clear		

TEST RESULT

S.No.	Test Parameters	Units	Test Method	Results	Specification As per CPCB
1	Particulate Matters (Size Less Than 10µm) (PM10)	µg/m ³	IS:5182 (Part 23)	52	For 24 Hrs=100 For Annual=60
2	Particulate Matters (Size Less Than 2.5µm) (PM2.5)	µg/m ³	IS:5182 (Part 24)	28	For 24 Hrs=60 For Annual=40
3	Sulphur Dioxide (SO ₂)	µg/m ³	IS:5182 (Part 2)	9.4	For 24 Hrs=80 For Annual=50
4	Carbon Monoxide (CO)	mg/m ³	IS:5182 (Part 10)	0.60	For 08 Hrs=02 For 1 Hrs =04
5	Nitrogen Dioxide (NO ₂)	µg/m ³	IS:5182 (Part 6)	22.4	For 24 Hrs=80 For Annual=40
6	Lead (Pb)	µg/m ³	IS:5182 (Part 22)	BDL(DL-0.05)	For 24 Hrs=1.0 For Annual=0.5
7	Ozone (O ₃)	µg/m ³	IS:5182 (Part-9)	23.2	For 8 Hrs=100 For 1 Hr=180

EP-022/15/03/24-1




Checked by
 Jitendra
 Sr. Analyst

FOR NEWCON CONSULTANTS & LABORATORIES


Authorized Signatory
 Shashi Solanki
 Lab Head

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TEST REPORT No. NCL/EP-022/15/03/24/A DATE OF REPORT : 20/03/2024

S.No.	Test Parameters	Units	Test Method	Results	Specification As per CPCB
8	Ammonia (NH3)	µg/m3	IS:5182 (Part 25)	BDL(DL-20.0)	For 24 Hrs=400 For Annual=100
9	Benzene (C6 H6)	µg/m3	IS:5182 (Part-11)	BDL(DL-1.0)	For Annual=05
10	Benzo (a) Pyrene (BaP)	ng/m3	IS:5182 (Part-12)	BDL(DL-0.1)	For Annual=01
11	Arsenic (As)	ng/m3	NAAQMS/36	BDL(DL-1.0)	For Annual=06
12	Nickel (Ni)	ng/m3	IS : 5182 (P-26)	BDL(DL-5.0)	For Annual=20

End of Report

Remarks : BDL=BELOW DETECTION LIMIT.

EP-022/15/03/24-2



Jitendra
Checked by
Jitendra
Sr. Analyst

FOR NEWCON CONSULTANTS & LABORATORIES

Shashi Solanki
Authorized Signatory
Shashi Solanki
Lab Head

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TEST REPORT

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TEST REPORT No. NCL/EP-022/15/03/24/B		DATE OF REPORT : 20/03/2024
Name and Address of Customer	M/S LALITPUR POWER GENERATION COMPANY LIMITED. Village-Mirchwara and Burogaon, Tehsil-Mahroni, Lalitpur-284123 (U.P) India	

SAMPLING DETAIL

Sample Name : AMBIENT AIR
 Analysis Start Date : 15/03/2024 Analysis End Date : 20/03/2024
 Date of Sampling : 13/03/2024 Sampling Done By : NCL
 Time of Sampling : 12:00 PM (13/03) TO 12:00 PM (14/03) Sampling Location : Near Chiglaia Village
 Sampling Protocol : IS:5182 (P-5) AS PER CPCB GUIDELINES Sample ID No. : NCL/EP-022/15/03/24
 Sampling Flow Rate for : 0.5 LPM Sampling Flow Rate of SPM : 1.25 Mtr³/Min
 Gases (Average)
 Sampling Duration : 24 Hrs Sampling Machine Placed at : 3.0 Mtr
 Height (from ground)
 Equipments Used : Respirable Dust Sampler (PM10)+Fine Particulate Sampler (PM2.5) With Gaseous Attachment

PHYSICAL OBSERVATIONS

Ambient Temperature : 28°C Wind Direction : East to West
 Weather Conditions : Clear

TEST RESULT

S.No.	Test Parameters	Units	Test Method	Results	Specification As per CPCB
1	Mercury (as Hg)	ng/m ³	NCL/AIR/STP-17	BDL(DL-0.001)	Not Specified

End of Report

Remarks : BDL=BELOW DETECTION LIMIT.

EP-022/15/03/24-1




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 Jitendra
 Sr. Analyst

FOR NEWCON CONSULTANTS & LABORATORIES


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TEST REPORT No. NCL/EP-023/15/03/24/A		DATE OF REPORT : 20/03/2024
Name and Address of Customer	M/S LALITPUR POWER GENERATION COMPANY LIMITED. Village-Mirchwara and Burogaon, Tehsil-Mahroni, Lalitpur-284123 (U.P) India	

SAMPLING DETAIL

Sample Name : AMBIENT AIR
 Analysis Start Date : 15/03/2024 Analysis End Date : 20/03/2024
 Date of Sampling : 13/03/2024 Sampling Done By : NCL
 Time of Sampling : 12:30 PM (13/03) TO 12:30 PM (14/03) Sampling Location : Near Vishnu Temple
 Sampling Protocol : IS:5182 (P-5) AS PER CPCB GUIDELINES Sample ID No. : NCL/EP-023/15/03/24
 Sampling Flow Rate for Gases : 0.5 LPM Sampling Flow Rate of SPM (Average) : 1.24 Mtr³/Min
 Sampling Duration : 24 Hrs Sampling Machine Placed at : 3.0 Mtr Height (from ground)
 Equipments Used : Respirable Dust Sampler (PM10)+Fine Particulate Sampler (PM2.5) With Gaseous Attachment

PHYSICAL OBSERVATIONS

Ambient Temperature : 28°C Wind Direction : East to West
 Weather Conditions : Clear

TEST RESULT

S.No.	Test Parameters	Units	Test Method	Results	Specification As per CPCB
1	Particulate Matters (Size Less Than 10µm) (PM10)	µg/m ³	IS:5182 (Part 23)	55	For 24 Hrs=100 For Annual=60
2	Particulate Matters (Size Less Than 2.5µm) (PM2.5)	µg/m ³	IS:5182 (Part 24)	30	For 24 Hrs=60 For Annual=40
3	Sulphur Dioxide (SO ₂)	µg/m ³	IS:5182 (Part 2)	10.0	For 24 Hrs=80 For Annual=50
4	Carbon Monoxide (CO)	mg/m ³	IS:5182 (Part 10)	0.82	For 08 Hrs=02 For 1 Hrs =04
5	Nitrogen Dioxide (NO ₂)	µg/m ³	IS:5182 (Part 6)	28.2	For 24 Hrs=80 For Annual=40
6	Lead (Pb)	µg/m ³	IS:5182 (Part 22)	BDL(DL-0.05)	For 24 Hrs=1.0 For Annual=0.5
7	Ozone (O ₃)	µg/m ³	IS:5182 (Part-8)	23.7	For 8 Hrs=100 For 1 Hr=180

EP-023/15/03/24-1



Checked by
Jitendra
Sr. Analyst

FOR NEWCON CONSULTANTS & LABORATORIES

Authorized Signatory
 Shashi Solanki
 Lab Head

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TEST REPORT No. NCL/EP-023/15/03/24/A

DATE OF REPORT : 20/03/2024

S.No.	Test Parameters	Units	Test Method	Results	Specification As per CPCB
8	Ammonia (NH ₃)	µg/m ³	IS:5182 (Part 25)	BDL(DL-20.0)	For 24 Hrs=400 For Annual=100
9	Benzene (C ₆ H ₆)	µg/m ³	IS:5182 (Part-11)	BDL(DL-1.0)	For Annual=05
10	Benzo (a) Pyrene (BaP)	ng/m ³	IS:5182 (Part-12)	BDL(DL-0.1)	For Annual=01
11	Arsenic (As)	ng/m ³	NAAQMS/38	BDL(DL-1.0)	For Annual=06
12	Nickel (Ni)	µg/m ³	IS : 5182 (P-26)	BDL(DL-5.0)	For Annual=20

End of Report

Remarks : BDL=BELOW DETECTION LIMIT.

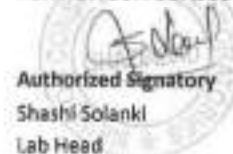
EP-023/15/03/24-2





Checked by
Jitendra
Sr. Analyst

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Authorized Signatory
Shashi Solanki
Lab Head

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TEST REPORT No. NCL/EP-023/15/03/24/B		DATE OF REPORT : 20/03/2024
Name and Address of Customer	M/S LALITPUR POWER GENERATION COMPANY LIMITED. Village-Mirchwara and Burogaon, Tehsil-Mahroni, Lalitpur-284123 (U.P) India	

SAMPLING DETAIL

Sample Name : AMBIENT AIR
 Analysis Start Date : 15/03/2024 Analysis End Date : 20/03/2024
 Date of Sampling : 13/03/2024 Sampling Done By : NCL
 Time of Sampling : 12:30 PM (13/03) TO 12:30 PM (14/03) Sampling Location : Near Vishnu Temple
 Sampling Protocol : IS:5182 (P-5) AS PER CPCB GUIDELINES Sample ID No. : NCL/EP-023/15/03/24
 Sampling Flow Rate for Gases : 0.5 LPM Sampling Flow Rate of SPM (Average) : 1.24 Mtr³/Min
 Sampling Duration : 24 Hrs Sampling Machine Placed at Height (from ground) : 3.0 Mtr
 Equipments Used : Respirable Dust Sampler (PM10)+Fine Particulate Sampler (PM2.5) With Gaseous Attachment

PHYSICAL OBSERVATIONS

Ambient Temperature : 28°C Wind Direction : East to West
 Weather Conditions : Clear

TEST RESULT

S.No.	Test Parameters	Units	Test Method	Results	Specification As per CPCB
1	Mercury (as Hg)	ng/m ³	NCL/AIR/STP-17	BDL(DL-0.001)	Not Specified

End of Report

Remarks : BDL=BELOW DETECTION LIMIT.

EP-023/15/03/24-1




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 Jitendra
 Sr. Analyst

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TEST REPORT

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TEST REPORT No. NCL/EP-024/15/03/24/A		DATE OF REPORT : 20/03/2024
Name and Address of Customer	M/S LALITPUR POWER GENERATION COMPANY LIMITED. Village-Mirchwara and Burogaon, Tehsil-Mahroni, Lalitpur-284123 (U.P) India	

SAMPLING DETAIL

Sample Name : AMBIENT AIR
 Analysis Start Date : 15/03/2024 Analysis End Date : 20/03/2024
 Date of Sampling : 13/03/2024 Sampling Done By : NCL
 Time of Sampling : 01:00 PM (13/03) TO 01:00 PM (14/03) Sampling Location : Near Udaipura Village
 Sampling Protocol : IS:5182 (P-5) AS PER CPCB GUIDELINES Sample ID No. : NCL/EP-024/15/03/24
 Sampling Flow Rate for Gases : 0.5 LPM Sampling Flow Rate of SPM (Average) : 1.26 Mtr³/Min
 Sampling Duration : 24 Hrs Sampling Machine Placed at : 3.0 Mtr Height (from ground)
 Equipments Used : Respirable Dust Sampler (PM10)+Fine Particulate Sampler (PM2.5) With Gaseous Attachment

PHYSICAL OBSERVATIONS

Ambient Temperature : 28°C Wind Direction : East to West
 Weather Conditions : Clear

TEST RESULT

S.No.	Test Parameters	Units	Test Method	Results	Specification As per CPCB
1	Particulate Matters (Size Less Than 10µm) (PM10)	µg/m ³	IS:5182 (Part 23)	51	For 24 Hrs=100 For Annual=60
2	Particulate Matters (Size Less Than 2.5µm) (PM2.5)	µg/m ³	IS:5182 (Part 24)	26	For 24 Hrs=80 For Annual=40
3	Sulphur Dioxide (SO ₂)	µg/m ³	IS:5182 (Part 2)	9.4	For 24 Hrs=80 For Annual=50
4	Carbon Monoxide (CO)	mg/m ³	IS:5182 (Part 10)	0.52	For 08 Hrs=02 For 1 Hrs=04
5	Nitrogen Dioxide (NO ₂)	µg/m ³	IS:5182 (Part 6)	21.2	For 24 Hrs=80 For Annual=04
6	Lead (Pb)	µg/m ³	IS:5182 (Part 22)	BDL(DL-0.05)	For 24 Hrs=1.0 For Annual=0.5
7	Ozone (O ₃)	µg/m ³	IS:5182 (Part-9)	24.4	For 8 Hrs=100 For 1 Hr=180

EP-024/15/03/24-1




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 Jitendra
 Sr. Analyst

FOR NEWCON CONSULTANTS & LABORATORIES


 Authorized Signatory
 Shashi Solanki
 Lab Head

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TEST REPORT No. NCL/EP-024/15/03/24/A

DATE OF REPORT : 20/03/2024

S.No.	Test Parameters	Units	Test Method	Results	Specification As per CPCB
8	Ammonia (NH ₃)	µg/m ³	IS:5182 (Part 25)	BDL(DL-20.0)	For 24 Hrs=400 For Annual=100
9	Benzene (C ₆ H ₆)	µg/m ³	IS:5182 (Part-11)	BDL(DL-1.0)	For Annual=05
10	Benzo (a) Pyrene (BaP)	ng/m ³	IS:5182 (Part-12)	BDL(DL-0.1)	For Annual=01
11	Arsenic (As)	ng/m ³	NAAQMS/36	BDL(DL-1.0)	For Annual=06
12	Nickel (Ni)	ng/m ³	IS : 5182 (P-28)	BDL(DL-5.0)	For Annual=20

End of Report

Remarks : BDL=BELOW DETECTION LIMIT.

EP-024/15/03/24-2



Checked by
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Sr. Analyst

FOR NEWCON CONSULTANTS & LABORATORIES

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Lab Head

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TEST REPORT No. NCL/EP-024/15/03/24/B		DATE OF REPORT : 20/03/2024
Name and Address of Customer	M/S LALITPUR POWER GENERATION COMPANY LIMITED. Village-Mirchwara and Burogaon, Tehsil-Mahroni, Lalitpur-284123 (U.P) India	

SAMPLING DETAIL

Sample Name : AMBIENT AIR
 Analysis Start Date : 15/03/2024 Analysis End Date : 20/03/2024
 Date of Sampling : 13/03/2024 Sampling Done By : NCL
 Time of Sampling : 01:00 PM (13/03) TO 01:00 PM (14/03) Sampling Location : Near Udaipura Village
 Sampling Protocol : IS:5182 (P-5) AS PER CPCB GUIDELINES Sample ID No. : NCL/EP-024/15/03/24
 Sampling Flow Rate for Gases : 0.5 LPM Sampling Flow Rate of SPM (Average) : 1.28 Mtr³/Min
 Sampling Duration : 24 Hrs Sampling Machine Placed at Height (from ground) : 3.0 Mtr
 Equipments Used : Respirable Dust Sampler (PM10)+Fine Particulate Sampler (PM2.5) With Gaseous Attachment

PHYSICAL OBSERVATIONS

Ambient Temperature : 28°C Wind Direction : East to West
 Weather Conditions : Clear

TEST RESULT


S.No.	Test Parameters	Units	Test Method	Results	Specification As per CPCB
1	Mercury (as Hg)	ng/m ³	NCL/AIR/STP-17	BDL(DL-0.001)	Not Specified

End of Report

Remarks : BDL=BELOW DETECTION LIMIT.

EP-024/15/03/24-1




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TEST REPORT

Page No.: 1 of 2

TEST REPORT No. NCL/EP-035/14/03/24/A		DATE OF REPORT : 19/03/2024
Name and Address of Customer	M/S LALITPUR POWER GENERATION COMPANY LIMITED, Village-Mirchwara and Burogaon, Tehsil-Mahroni, Lalitpur-284123 (U.P) India	

SAMPLING DETAIL

Sample Name : AMBIENT AIR
 Analysis Start Date : 14/03/2024 Analysis End Date : 19/03/2024
 Date of Sampling : 12/03/2024 Sampling Done By : NCL
 Time of Sampling : 12:00 PM (12/03) TO 12:00 PM (13/03) Sampling Location : Near Gate No-2
 Sampling Protocol : IS:5182 (P-5) AS PER CPCB GUIDELINES Sample ID No. : NCL/EP-035/14/03/24
 Sampling Flow Rate for Gases : 0.5 LPM Sampling Flow Rate of SPM (Average) : 1.225 Mtr³/Min
 Sampling Duration : 24 Hrs Sampling Machine Placed at Height (from ground) : 3.0 Mtr
 Equipments Used : Respirable Dust Sampler (PM10)+Fine Particulate Sampler (PM2.5) With Gaseous Attachment

PHYSICAL OBSERVATIONS

Ambient Temperature : 28°C Wind Direction : East to West
 Weather Conditions : Clear

TEST RESULT

S.No.	Test Parameters	Units	Test Method	Results	Specification As per CPCB
1	Particulate Matters (Size Less Than 10µm) (PM10)	µg/m ³	IS:5182 (Part 23)	57	For 24 Hrs=100 For Annual=60
2	Particulate Matters (Size Less Than 2.5µm) (PM2.5)	µg/m ³	IS:5182 (Part 24)	31	For 24 Hrs=60 For Annual=40
3	Sulphur Dioxide (SO ₂)	µg/m ³	IS:5182 (Part 2)	10.1	For 24 Hrs=80 For Annual=50
4	Carbon Monoxide (CO)	mg/m ³	IS:5182 (Part 10)	1.145	For 08 Hrs=02 For 1 Hrs =04
5	Nitrogen Dioxide (NO ₂)	µg/m ³	IS:5182 (Part 6)	26.4	For 24 Hrs=80 For Annual=40
6	Lead (Pb)	µg/m ³	IS:5182 (Part 22)	BDL(DL-0.05)	For 24 Hrs=1.0 For Annual=0.5
7	Ozone (O ₃)	µg/m ³	IS:5182 (Part-9)	27.1	For 8 Hrs=100 For 1 Hr=180

EP-035/14/03/24-1




 Checked by
 Jitendra
 Sr. Analyst

FOR NEWCON CONSULTANTS & LABORATORIES


 Authorized Signatory
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 Lab Head

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Laboratory : A-1/156, Sector-17, (Swadeshi Compound) Kavi Nagar Industrial Area, GHAZIABAD - 201 002 (U.P.)

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Page No.: 1 of 2

TEST REPORT No. NCL/EP-035/14/03/24/A

DATE OF REPORT : 19/03/2024

S.No.	Test Parameters	Units	Test Method	Results	Specification As per CPCB
8	Ammonia (NH ₃)	µg/m ³	IS:5182 (Part 25)	BDL(DL-20.0)	For 24 Hrs=400 For Annual=100
9	Benzene (C ₆ H ₆)	µg/m ³	IS:5182 (Part-11)	BDL(DL-1.0)	For Annual=05
10	Benzo (a) Pyrene (BaP)	ng/m ³	IS:5182 (Part-12)	BDL(DL-0.1)	For Annual=01
11	Arsenic (As)	ng/m ³	NAAQMS/36	BDL(DL-1.0)	For Annual=05
12	Nickel (Ni)	ng/m ³	IS : 5182 (P-25)	BDL(DL-5.0)	For Annual=20

End of Report

Remarks : BDL=BELOW DETECTION LIMIT.

EP-035/14/03/24-2




 Checked by
 Jitendra
 Sr. Analyst

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Laboratory : A-1/156, Sector-17, (Swadeshi Compound) Kavi Nagar Industrial Area, GHAZIABAD - 201 002 (U.P.)

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TEST REPORT

Page No.: 1 of 1

TEST REPORT No. NCL/EP-035/14/03/24/B		DATE OF REPORT : 19/03/2024
Name and Address of Customer	M/S LALITPUR POWER GENERATION COMPANY LIMITED. Village-Mirchwara and Burogaon, Tehsil-Mahroni, Lalitpur-284123 (U.P) India	

SAMPLING DETAIL

Sample Name : AMBIENT AIR
 Analysis Start Date : 14/03/2024
 Date of Sampling : 12/03/2024
 Time of Sampling : 12:00 PM (12/03) TO 12:00 PM (13/03)
 Sampling Protocol : IS:5182 (P-5) AS PER CPCB GUIDELINES
 Sampling Flow Rate for Gases : 0.5 LPM
 Sampling Duration : 24 Hrs
 Equipments Used : Respirable Dust Sampler (PM10)+Fine Particulate Sampler (PM2.5) With Gaseous Attachment

Analysis End Date : 19/03/2024
 Sampling Done By : NCL
 Sampling Location : Near Gate No-2
 Sample ID No. : NCL/EP-035/14/03/24
 Sampling Flow Rate of SPM (Average) : 1.225 Mtr³/Min
 Sampling Machine Placed at Height (from ground) : 3.0 Mtr
 Wind Direction : East to West

PHYSICAL OBSERVATIONS

Ambient Temperature : 28°C
 Weather Conditions : Clear

TEST RESULT

S.No.	Test Parameters	Units	Test Method	Results	Specification As per CPCB
1	Mercury (as Hg)	ng/m ³	NCL/AIR/STP-17	BDL(DL-0.001)	Not Specified

End of Report

Remarks : BDL=BELOW DETECTION LIMIT.

EP-035/14/03/24-1




 Checked by
 Jitendra
 Sr. Analyst

FOR NEWCON CONSULTANTS & LABORATORIES


 Authorized Signatory
 Shashi Solanki
 Lab Head

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TEST REPORT

Page No.: 1 of 2

TEST REPORT No. NCL/EP-036/14/03/24/A		DATE OF REPORT : 19/03/2024
Name and Address of Customer	M/S LALITPUR POWER GENERATION COMPANY LIMITED. Village-Mirchwara and Burogaon, Tehsil-Mahroni, Lalitpur-284123 (U.P) India	

SAMPLING DETAIL

Sample Name : AMBIENT AIR
 Analysis Start Date : 14/03/2024
 Date of Sampling : 12/03/2024
 Time of Sampling : 12:30 PM (12/03) TO 12:30 PM (13/03)
 Sampling Protocol : IS:5182 (P-5) AS PER CPCB GUIDELINES
 Sampling Flow Rate for Gases : 0.5 LPM
 Sampling Duration : 24 Hrs
 Equipments Used : Respirable Dust Sampler (PM10)+Fine Particulate Sampler (PM2.5) With Gaseous Attachment

Analysis End Date : 19/03/2024
 Sampling Done By : NCL
 Sampling Location : Near Permanent Hostel
 Sample ID No. : NCL/EP-036/14/03/24
 Sampling Flow Rate of SPM (Average) : 1.24 Mtr³/Min
 Sampling Machine Placed at Height (from ground) : 3.0 Mtr

PHYSICAL OBSERVATIONS

Ambient Temperature : 28°C
 Weather Conditions : Clear
 Wind Direction : East to West

TEST RESULT

S.No.	Test Parameters	Units	Test Method	Results	Specification As per CPCB
1	Particulate Matters (Size Less Than 10µm) (PM10)	µg/m ³	IS:5182 (Part 23)	55	For 24 Hrs=100 For Annual=60
2	Particulate Matters (Size Less Than 2.5µm) (PM2.5)	µg/m ³	IS:5182 (Part 24)	30	For 24 Hrs=60 For Annual=40
3	Sulphur Dioxide (SO ₂)	µg/m ³	IS:5182 (Part 2)	9.5	For 24 Hrs=80 For Annual=50
4	Carbon Monoxide (CO)	mg/m ³	IS:5182 (Part 10)	1.02	For 08 Hrs=02 For 1 Hrs =04
5	Nitrogen Dioxide (NO ₂)	µg/m ³	IS:5182 (Part 6)	24.7	For 24 Hrs=80 For Annual=40
6	Lead (Pb)	µg/m ³	IS:5182 (Part 22)	BDL(DL-0.05)	For 24 Hrs=1.0 For Annual=0.5
7	Ozone (O ₃)	µg/m ³	IS:5182 (Part-9)	27.5	For 8 Hrs=100 For 1 Hr=180

EP-036/14/03/24-1



Jitendra
 Checked By
 Jitendra
 Sr. Analyst

FOR NEWCON CONSULTANTS & LABORATORIES

Shashi Sobhri
 Authorized Signatory
 Shashi Sobhri
 Lab Head

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TEST REPORT No. NCL/EP-036/14/03/24/A

DATE OF REPORT : 19/03/2024

S.No.	Test Parameters	Units	Test Method	Results	Specification As per CPCB
8	Ammonia (NH ₃)	µg/m ³	IS:5182 (Part 25)	BDL(DL-20.0)	For 24 Hrs=400 For Annual=100
9	Benzene (C ₆ H ₆)	µg/m ³	IS:5182 (Part-11)	BDL(DL-1.0)	For Annual=05
10	Benzo (a) Pyrene (BaP)	ng/m ³	IS:5182 (Part-12)	BDL(DL-0.1)	For Annual=01
11	Arsenic (As)	ng/m ³	NAQMS/38	BDL(DL-1.0)	For Annual=06
12	Nickel (Ni)	ng/m ³	IS : 5182 (P-28)	BDL(DL-5.0)	For Annual=20

End of Report

Remarks : BDL=BELOW DETECTION LIMIT.

EP-036/14/03/24-2



Checked by

Jitendra
Sr. Analyst

FOR NEWCON CONSULTANTS & LABORATORIES

Authorized Signatory
Shashi Solanki
Lab Head

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TEST REPORT

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TEST REPORT No. NCL/EP-036/14/03/24/B		DATE OF REPORT : 19/03/2024
Name and Address of Customer	M/S LALITPUR POWER GENERATION COMPANY LIMITED. Village-Mirchwara and Burogaon, Tehsil-Mahroni, Lalitpur-284123 (U.P) India	

SAMPLING DETAIL

Sample Name	: AMBIENT AIR	Analysis End Date	: 19/03/2024
Analysis Start Date	: 14/03/2024	Sampling Done By	: NCL
Date of Sampling	: 12/03/2024	Sampling Location	: Near Permanent Hostel
Time of Sampling	: 12:30 PM (12/03) TO 12:30 PM (13/03)	Sample ID No.	: NCL/EP-036/14/03/24
Sampling Protocol	: IS:5182 (P-5) AS PER CPCB GUIDELINES	Sampling Flow Rate of SPM (Average)	: 1.24 Mtr ³ /Min
Sampling Flow Rate for Gases	: 0.5 LPM	Sampling Machine Placed at Height (from ground)	: 3.0 Mtr
Sampling Duration	: 24 Hrs	Equipments Used	: Respirable Dust Sampler (PM10)+Fine Particulate Sampler (PM2.5) With Gaseous Attachment

PHYSICAL OBSERVATIONS

Ambient Temperature	: 28°C	Wind Direction	: East to West
Weather Conditions	: Clear		

TEST RESULT

S.No.	Test Parameters	Units	Test Method	Results	Specification As per CPCB
1	Mercury (as Hg)	ng/m3	NCL/AIR/STP-17	BDL(DL-0.001)	Not Specified

End of Report

Remarks : BDL=BELOW DETECTION LIMIT.

EP-036/14/03/24-1




 Checked by
 Jitendra
 Sr. Analyst

FOR NEWCON CONSULTANTS & LABORATORIES


 Authorized Signatory
 Shashi Solanki
 Lab Head

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TEST REPORT

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TEST REPORT No. NCL/EP-037/14/03/24/A		DATE OF REPORT : 19/03/2024
Name and Address of Customer	M/S LALITPUR POWER GENERATION COMPANY LIMITED. Village-Mirchwara and Burogaon, Tehsil-Mahroni, Lalitpur-284123 (U.P) India	

SAMPLING DETAIL

Sample Name : AMBIENT AIR
 Analysis Start Date : 14/03/2024
 Date of Sampling : 12/03/2024
 Time of Sampling : 01:00 PM (12/03) TO 01:00 PM (13/03)
 Sampling Protocol : IS:5182 (P-5) AS PER CPCB GUIDELINES
 Sampling Flow Rate for Gases : 0.5 LPM
 Sampling Duration : 24 Hrs
 Equipments Used : Respirable Dust Sampler (PM10)+Fine Particulate Sampler (PM2.5) With Gaseous Attachment

Analysis End Date : 19/03/2024
 Sampling Done By : NCL
 Sampling Location : Near Admin Block
 Sample ID No. : NCL/EP-037/14/03/24
 Sampling Flow Rate of SPM (Average) : 1.23 Mtr³/Min
 Sampling Machine Placed at Height (from ground) : 3.0 Mtr
 Wind Direction : East to West

PHYSICAL OBSERVATIONS

Ambient Temperature : 28°C
 Weather Conditions : Clear

TEST RESULT

S.No.	Test Parameters	Units	Test Method	Results	Specification As per CPCB
1	Particulate Matters (Size Less Than 10µm) (PM10)	µg/m ³	IS:5182 (Part 23)	54	For 24 Hrs=100 For Annual=60
2	Particulate Matters (Size Less Than 2.5µm) (PM2.5)	µg/m ³	IS:5182 (Part 24)	29	For 24 Hrs=60 For Annual=40
3	Sulphur Dioxide (SO ₂)	µg/m ³	IS:5182 (Part 2)	9.1	For 24 Hrs=80 For Annual=50
4	Carbon Monoxide (CO)	mg/m ³	IS:5182 (Part 10)	0.94	For 08 Hrs=02 For 1 Hrs =04
5	Nitrogen Dioxide (NO ₂)	µg/m ³	IS:5182 (Part 6)	21.4	For 24 Hrs=80 For Annual=40
6	Lead (Pb)	µg/m ³	IS:5182 (Part 22)	BDL(DL-0.05)	For 24 Hrs=1.0 For Annual=0.5
7	Ozone (O ₃)	µg/m ³	IS:5182 (Part-9)	29.5	For 8 Hrs=100 For 1 Hr=180

EP-037/14/03/24-1



Jitendra
 Checked by
 Jitendra
 Sr. Analyst

FOR NEWCON CONSULTANTS & LABORATORIES

Sashi Solanki
 Authorized Signatory
 Sashi Solanki
 Lab Head

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TEST REPORT No. NCL/EP-037/14/03/24/A

DATE OF REPORT : 19/03/2024

S.No.	Test Parameters	Units	Test Method	Results	Specification As per CPCB
8	Ammonia (NH ₃)	µg/m ³	IS:5182 (Part 25)	BDL(DL-20.0)	For 24 Hrs=400 For Annual=100
9	Benzene (C ₆ H ₆)	µg/m ³	IS:5182 (Part-11)	BDL(DL-1.0)	For Annual=05
10	Benzo (a) Pyrene (BaP)	ng/m ³	IS:5182 (Part-12)	BDL(DL-0.1)	For Annual=01
11	Arsenic (As)	ng/m ³	NAAQMS/36	BDL(DL-1.0)	For Annual=06
12	Nickel (Ni)	ng/m ³	IS : 5182 (P-26)	BDL(DL-5.0)	For Annual=20

End of Report


Remarks : BDL=BELOW DETECTION LIMIT.

EP-037/14/03/24-2




 Checked by
 Jitendra
 Sr. Analyst

FOR NEWCON CONSULTANTS & LABORATORIES


 Authorized Signatory
 Shashi Solanki
 Lab Head

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TEST REPORT

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TEST REPORT No. NCL/EP-037/14/03/24/B		DATE OF REPORT : 19/03/2024
Name and Address of Customer	M/S LALITPUR POWER GENERATION COMPANY LIMITED. Village-Mirchwara and Burogaon, Tehsil-Mahroni, Lalitpur-284123 (U.P) India	

SAMPLING DETAIL

Sample Name : AMBIENT AIR
 Analysis Start Date : 14/03/2024
 Date of Sampling : 12/03/2024
 Time of Sampling : 01:00 PM (12/03) TO 01:00 PM (13/03)
 Sampling Protocol : IS:5182 (P-5) AS PER CPCB GUIDELINES
 Sampling Flow Rate for Gases : 0.5 LPM
 Sampling Duration : 24 Hrs
 Equipments Used : Respirable Dust Sampler (PM10)+Fine Particulate Sampler (PM2.5) With Gaseous Attachment

Analysis End Date : 19/03/2024
 Sampling Done By : NCL
 Sampling Location : Near Admin Block
 Sample ID No. : NCL/EP-037/14/03/24
 Sampling Flow Rate of SPM (Average) : 1.23 Mtr³/Min
 Sampling Machine Placed at Height (from ground) : 3.0 Mtr

PHYSICAL OBSERVATIONS

Ambient Temperature : 28°C
 Weather Conditions : Clear
 Wind Direction : East to West

TEST RESULT

S.No.	Test Parameters	Units	Test Method	Results	Specification As per CPCB
1	Mercury (as Hg)	ng/m3	NCL/AIR/STP-17	BDL(DL-0.001)	Not Specified

End of Report


Remarks : BDL=BELOW DETECTION LIMIT.

EP-037/14/03/24-1




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