



# Newcon Consultants & Laboratories



(GOVERNMENT APPROVED TESTING LABORATORIES)

An ISO 9001 : 2015, ISO 14001 : 2015, ISO 45001 : 2018 Certified Laboratory

## TEST REPORT

Page No. : 1 of 2

TEST REPORT No. NCL/EP-036/16/03/24/A		ULR No.:TC126212400000266F	DATE OF REPORT : 28/03/2024
Name and Address of Customer	M/S LALITPUR POWER GENERATION COMPANY LIMITED. Village-Mirchwara and Burogaon, Tehsil-Mahroni, Lalitpur-284123 (U.P) India		

### SAMPLING DETAILS

Sample Name	: Ground Water	Analysis End Date	: 21/03/2024
Analysis Start Date	: 16/03/2024	Sample ID No.	: NCL/EP-036/16/03/24
Date of Sampling	: 14/03/2024	Sample Receipt Date	: 16/03/2024
Time of Sampling	: 01:10 PM	Environmental Condition	: 25±2°C
Sampling Done By	: NCL		
Sampling Description	: Ground Water		
Sampling Location	: Hand Pump Water Collected From Near Ash Pond		
Sampling Protocol	: IS:17614 (P-1)	Sample Quantity	: 5+1 Ltr
Packing Condition	: Sealed	Packing	: PVC BOTTLE

### TEST RESULT

S.No.	Parameters	Unit	Test Method	Result	Specification /Limit As Per IS:10500, Amd. 2018	
					Desirable Limit	Permissible Limit
1	Colour	Hazen	IS : 3025 (P-4) Clause-4	BDL(DL-1.0)	5.0	15
2	Odour	--	IS : 3025 (P-5)	Agreeable	Agreeable	Agreeable
3	Taste	--	IS : 3025 (P-8)	Agreeable	Agreeable	Agreeable
4	Turbidity	NTU	IS : 3025 (P-10)	BDL(DL-1.0)	1.0	5
5	pH Value	--	IS : 3025 (P-11)	7.24	6.5-8.5	No Relaxation
6	Total Dissolved Solids	mg/L	IS : 3025 (P-16)	570	500	2000
7	Total Hardness (as CaCO3)	mg/L	IS : 3025 (P-21)	263	200	600
8	Calcium (as Ca)	mg/L	IS : 3025 (P-40)	71.4	75	200
9	Magnesium (as Mg)	mg/L	IS : 3025 (P-46) Clause-6	20.5	30	100
10	Total Alkalinity (as CaCO3)	mg/L	IS : 3025 (P-23)	264	200	600
11	Chloride (as Cl)	mg/L	IS : 3025 (P-32) Clause-2	56	250	1000
12	Nitrate (as NO3)	mg/L	IS : 3025 (P-34) Clause 3.3	BDL(DL-0.2)	45	No Relaxation
13	Nitrite (as NO2)	mg/L	IS : 3025 (P-34) Clause 4	BDL(DL-0.5)	Not Specified	Not Specified
14	Sulphate (as SO4)	mg/L	IS : 3025 (P-24) Sec-1 Clause-5	24	200	400
15	Sulphide (as H2S)	mg/L	IS : 3025 (P-29)	BDL(DL-0.01)	0.05	No Relaxation

EP-036/16/03/24-1



Checked by  
Sonu Gupta  
Sr. Analyst

Authorized Signatory  
Bhavna Sharma  
HOD (Microbiologist)

FOR NEWCON CONSULTANTS & LABORATORIES

Authorized Signatory  
Shashi Solanki  
Lab Head

1. The test report refers only to the particular sample/s submitted for testing and listed parameters.
2. Endorsement of the same is neither inferred nor implied.
3. Laboratory shall maintain the confidentiality of all information related to the samples & test reports.
4. Complaints about this report should be communicated within 10 days of the issue date of this report.
5. The report is not to be produced wholly or in part without prior permission of the Managing Partner. All disputes subject to Ghaziabad Jurisdiction.

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

Mobile : 9810430345, 9205501788 | Website : www.newconlab.in

E-mail : newconlab@gmail.com, newconlabfinance@gmail.com



# Newcon Consultants & Laboratories

(GOVERNMENT APPROVED TESTING LABORATORIES)

An ISO 9001 : 2015, ISO 14001 : 2015, ISO 45001 : 2018 Certified Laboratory



Page No. : 2 of 2

TEST REPORT No. NCL/EP-036/16/03/24/A ULR No.:TC126212400000266F DATE OF REPORT : 28/03/2024

S.No.	Parameters	Unit	Test Method	Result	Specification /Limit As Per IS:10500, Amd. 2018	
					Desirable Limit	Permissible Limit
16	Fluoride (as F)	mg/L	APHA 4500-F-D	0.40	1.0	1.5
17	Free Residual Chlorine (as Cl <sub>2</sub> )	mg/L	IS : 3025 (P-26) Clause-7	BDL(DL-0.1)	0.2	1.0
18	Chloramines (as Cl <sub>2</sub> )	mg/L	IS : 3025 (P-26) Clause-7	BDL(DL-0.1)	4.0	No Relaxation
19	Phenolic Compound (as C <sub>6</sub> H <sub>5</sub> OH)	mg/L	IS : 3025 (P-43) Sec-1 Clause-4	BDL(DL-0.0005)	0.001	0.002
20	Anionic Surfactant (as MBAS)	mg/L	IS : 3025 (P-68)	BDL(DL-0.1)	0.2	1.0
21	Iron (as Fe)	mg/L	IS : 3025 (P-65)	0.13	1.0	No Relaxation
22	Zinc (as Zn)	mg/L	IS : 3025 (P-65)	BDL(DL-0.001)	5.0	15.0
23	Boron (as B)	mg/L	IS : 3025 (P-65)	BDL(DL-0.01)	0.5	1.0
24	Nickel (as Ni)	mg/L	IS : 3025 (P-65)	BDL(DL-0.01)	0.02	No Relaxation
25	Manganese (as Mn)	mg/L	IS : 3025 (P-65)	BDL(DL-0.01)	0.1	0.3
26	Lead (as Pb)	mg/L	IS : 3025 (P-65)	BDL(DL-0.005)	0.01	No Relaxation
27	Copper (as Cu)	mg/L	IS : 3025 (P-65)	BDL(DL-0.01)	0.05	1.5
28	Chromium (as Cr)	mg/L	IS : 3025 (P-65)	BDL(DL-0.001)	0.05	No Relaxation
29	Aluminium (as Al)	mg/L	IS : 3025 (P-65)	BDL(DL-0.01)	0.03	0.2
30	E.Coli	cfu/100ml	IS : 15185	Absent	Shall not be detectable in any 100 ml	Not Specified
31	Total Coliform	cfu/100ml	IS : 15185	Absent	Shall not be detectable in any 100 ml	Not Specified

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

Remarks : BDL=Below Detection Limit.

EP-036/16/03/24-2



Checked by  
Sonu Gupta  
Sr. Analyst

Authorized Signatory  
Bhavna Sharma  
HOD (Microbiologist)

FOR NEWCON CONSULTANTS & LABORATORIES

Authorized Signatory  
Shashi Solanki  
Lab Head

1. The test report refers only to the particular sample/s submitted for testing and listed parameters.
2. Endorsement of the same is neither inferred nor implied.
3. Laboratory shall maintain the confidentiality of all information related to the samples & test reports.
4. Complaints about this report should be communicated within 10 days of the issue date of this report.
5. The report is not to be produced wholly or in part without prior permission of the Managing Partner. All disputes subject to Ghaziabad Jurisdiction.



# Newcon Consultants & Laboratories

(GOVERNMENT APPROVED TESTING LABORATORIES)  
As ISO 9001 : 2015, ISO 14001 : 2015, ISO 45001 : 2018 Certified Laboratory

## TEST REPORT

Page No.: 1 of 2

TEST REPORT No. NCL/EP-036/16/03/24/B		DATE OF REPORT : 28/03/2024
Name and Address of Customer	M/S LALITPUR POWER GENERATION COMPANY LIMITED. Village-Mirchwara and Burogaon, Tehsil-Mahroni, Lalitpur-284123 (U.P) India	

### SAMPLING DETAILS

Sample Name	: Ground Water	Analysis End Date	: 21/03/2024
Analysis Start Date	: 16/03/2024	Sample ID No.	: NCL/EP-036/16/03/24
Date of Sampling	: 14/03/2024	Sample Receipt Date	: 16/03/2024
Time of Sampling	: 01:10 PM	Environmental Condition	: 25±2°C
Sampling Done By	: NCL		
Sampling Description	: Ground Water		
Sampling Location	: Hand Pump Water Collected From Near Ash Pond		
Sampling Protocol	: IS:17614 (P-1)	Sample Quantity	: 5+1 Ltr
Packing Condition	: Sealed	Packing	: PVC BOTTLE

### TEST RESULT

S.No.	Parameters	Unit	Test Method	Result	Specification /Limit As Per IS:10500, Amd. 2018	
					Desirable Limit	Permissible Limit
1	Cyanide (as CN)	mg/L	IS : 3025 (P-27) Sec-1 Clause-4	BDL(DL-0.02)	0.05	No Relaxation
2	Ammonia (as total Ammonia)	mg/L	IS : 3025 (P-34) Clause 2.4	BDL(DL-0.2)	0.5	No Relaxation
3	Selenium (as Se)	mg/L	IS : 3025 (P-65)	BDL(DL-0.001)	0.01	No Relaxation
4	Arsenic (as As)	mg/L	IS : 3025 (P-65)	BDL(DL-0.001)	0.01	No Relaxation
5	Cadmium (as Cd)	mg/L	IS : 3025 (P-65)	BDL(DL-0.001)	0.003	No Relaxation
6	Molybdenum (as Mo)	mg/L	IS : 3025 (P-65)	BDL(DL-0.001)	0.07	No Relaxation
7	Silver (as Ag)	mg/L	IS : 3025 (P-65)	BDL(DL-0.001)	0.1	No Relaxation
8	Barium (as Ba)	mg/L	IS : 3025 (P-65)	BDL(DL-0.001)	0.7	No Relaxation
9	Mercury (as Hg)	mg/L	IS : 3025 (P-65)	BDL(DL-0.0005)	0.001	No Relaxation
10	Mineral Oil	mg/L	IS : 3025 (P-39) Clause 6	BDL(DL-0.1)	0.5	No Relaxation
11	Poly Chlorinated Biphenyls (PCB)	mg/L	APHA 6431 B	BDL(DL-0.0000 5)	0.0005	No Relaxation
12	Polynuclear Aromatic Hydrocarbon (PAH)	mg/L	APHA 6440	BDL(DL-0.0000 5)	0.0001	No Relaxation
13	Bromoform	mg/L	NCL/SOP/INST/112	BDL(DL-0.01)	0.1	No Relaxation

EP-036/16/03/24-1



Checked by  
Sonu Gupta  
Sr. Analyst

Authorized Signatory  
Bhavna Sharma  
HOD (Microbiologist)

FOR NEWCON CONSULTANTS & LABORATORIES

Authorized Signatory  
Shashi Solanki  
Lab Head

- The test report refers only to the particular sample/s submitted for testing and listed parameters.
- Endorsement of the same is neither inferred nor implied.
- Laboratory shall maintain the confidentiality of all information related to the samples & test reports.
- Complaints about this report should be communicated within 10 days of the issue date of this report.
- The report is not to be produced wholly or in part without prior permission of the Managing Partner. All disputes subject to Ghaziabad Jurisdiction.



# Newcon Consultants & Laboratories

(GOVERNMENT APPROVED TESTING LABORATORIES)  
An ISO 9001 : 2015, ISO 14001 : 2015, ISO 45001 : 2018 Certified Laboratory

Page No. : 2 of 2

TEST REPORT No. NCL/EP-036/16/03/24/B

DATE OF REPORT : 26/03/2024

S.No.	Parameters	Unit	Test Method	Result	Specification /Limit As Per IS:10500, Amd. 2018	
					Desirable Limit	Permissible Limit
14	Dibromochloromethane	mg/L	NCL/SOP/INST/112	BDL(DL-0.01)	0.1	No Relaxation
15	Bromodichloromethane	mg/L	NCL/SOP/INST/112	BDL(DL-0.01)	0.06	No Relaxation
16	Chloroform	mg/L	NCL/SOP/INST/112	BDL(DL-0.01)	0.2	No Relaxation

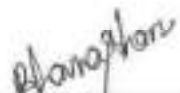
\*\*\*End of Report\*\*\*

Remarks : BDL=Below Detection Limit.

EP-036/16/03/24-2



  
Checked by  
Sonu Gupta  
Sr. Analyst

  
Authorized Signatory  
Bhavna Sharma  
HOD (Microbiologist)

FOR NEWCON CONSULTANTS & LABORATORIES

  
Authorized Signatory  
Shashi Solanki  
Lab Head

1. The test report refers only to the particular sample/s submitted for testing and listed parameters.
2. Endorsement of the same is neither inferred nor implied.
3. Laboratory shall maintain the confidentiality of all information related to the samples & test reports.
4. Complaints about this report should be communicated within 10 days of the issue date of this report.
5. The report is not to be produced wholly or in part without prior permission of the Managing Partner. All disputes subject to Ghaziabad Jurisdiction.



# Newcon Consultants & Laboratories



(GOVERNMENT APPROVED TESTING LABORATORIES)

As ISO 9001 : 2015, ISO 14001 : 2015, ISO 45001 : 2018 Certified Laboratory

## TEST REPORT

Page No.: 1 of 2

TEST REPORT No. NCL/EP-037/16/03/24/A		ULR No.: TC126212400000264F	DATE OF REPORT : 28/03/2024
Name and Address of Customer		M/S LALITPUR POWER GENERATION COMPANY LIMITED. Village-Mirchwara and Burogaon, Tehsil-Mahroni, Lalitpur-284123 (U.P) India	

### SAMPLING DETAILS

Sample Name	: Ground Water	Analysis End Date	: 21/03/2024
Analysis Start Date	: 16/03/2024	Sample ID No.	: NCL/EP-037/16/03/24
Date of Sampling	: 14/03/2024	Sample Receipt Date	: 16/03/2024
Time of Sampling	: 01:20 PM	Environmental Condition	: 25±2°C
Sampling Done By	: NCL		
Sampling Description	: Ground Water		
Sampling Location	: Hand Pump Water Collected From Village Mirchwara		
Sampling Protocol	: IS:17614 (P-1)	Sample Quantity	: 5+1 Ltr
Packing Condition	: Sealed	Packing	: PVC BOTTLE

### TEST RESULT

S.No.	Parameters	Unit	Test Method	Result	Specification /Limit As Per IS:10500, Amd. 2018	
					Desirable Limit	Permissible Limit
1	Colour	Hazen	IS : 3025 (P-4) Clause-4	BDL(DL-1.0)	5.0	15
2	Odour	--	IS : 3025 (P-5)	Agreeable	Agreeable	Agreeable
3	Taste	--	IS : 3025 (P-6)	Agreeable	Agreeable	Agreeable
4	Turbidity	NTU	IS : 3025 (P-10)	BDL(DL-1.0)	1.0	5
5	pH Value	--	IS : 3025 (P-11)	7.32	6.5-8.5	No Relaxation
6	Total Dissolved Solids	mg/L	IS : 3025 (P-16)	546	500	2000
7	Total Hardness (as CaCO3)	mg/L	IS : 3025 (P-21)	295	200	600
8	Calcium (as Ca)	mg/L	IS : 3025 (P-40)	71.2	75	200
9	Magnesium (as Mg)	mg/L	IS : 3025 (P-46) Clause-6	28.4	30	100
10	Total Alkalinity (as CaCO3)	mg/L	IS : 3025 (P-23)	196	200	600
11	Chloride (as Cl)	mg/L	IS : 3025 (P-32) Clause-2	52	250	1000
12	Nitrate (as NO3)	mg/L	IS : 3025 (P-34) Clause 3.3	BDL(DL-0.2)	45	No Relaxation
13	Nitrite (as NO2)	mg/L	IS : 3025 (P-34) Clause 4	BDL(DL-0.5)	Not Specified	Not Specified
14	Sulphate (as SO4)	mg/L	IS : 3025 (P-24) Sec-1 Clause-5	23	200	400
15	Sulphide (as H2S)	mg/L	IS : 3025 (P-29)	BDL(DL-0.01)	0.05	No Relaxation

EP-037/16/03/24-1



Checked by  
Sonu Gupta  
Sr. Analyst

Authorized Signatory  
Bhavna Sharma  
HOD (Microbiologist)

FOR NEWCON CONSULTANTS & LABORATORIES

Authorized Signatory  
Shashi Solanki  
Lab Head

1. The test report refers only to the particular sample/s submitted for testing and listed parameters.
2. Endorsement of the same is neither inferred nor implied.
3. Laboratory shall maintain the confidentiality of all information related to the samples & test reports.
4. Complaints about this report should be communicated within 10 days of the issue date of this report.
5. The report is not to be produced wholly or in part without prior permission of the Managing Partner. All disputes subject to Ghaziabad Jurisdiction.

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

Mobile : 9810430345, 9205501788 | Website : www.newconlab.in

E-mail : newconlab@gmail.com, newconlabfinance@gmail.com





# Newcon Consultants & Laboratories

(GOVERNMENT APPROVED TESTING LABORATORIES)

An ISO 9001 : 2015, ISO 14001 : 2015, ISO 45001 : 2018 Certified Laboratory



Page No.: 2 of 2

TEST REPORT No. NCL/EP-037/16/03/24/A ULR No.:TC1262124000000264F DATE OF REPORT : 28/03/2024

S.No.	Parameters	Unit	Test Method	Result	Specification /Limit As Per IS:10500, Amd. 2018	
					Desirable Limit	Permissible Limit
16	Fluoride (as F)	mg/L	APHA 4500-F-D	0.34	1.0	1.5
17	Free Residual Chlorine (as Cl <sub>2</sub> )	mg/L	IS : 3025 (P-26) Clause-7	BDL(DL-0.1)	0.2	1.0
18	Chloramines (as Cl <sub>2</sub> )	mg/L	IS : 3025 (P-26) Clause-7	BDL(DL-0.1)	4.0	No Relaxation
19	Phenolic Compound (as C <sub>6</sub> H <sub>5</sub> OH)	mg/L	IS : 3025 (P-43) Sec-1 Clause-4	BDL(DL-0.0005)	0.001	0.002
20	Anionic Surfactant (as MBAS)	mg/L	IS : 3025 (P-68)	BDL(DL-0.1)	0.2	1.0
21	Iron (as Fe)	mg/L	IS : 3025 (P-65)	0.18	1.0	No Relaxation
22	Zinc (as Zn)	mg/L	IS : 3025 (P-65)	BDL(DL-0.001)	5.0	15.0
23	Boron (as B)	mg/L	IS : 3025 (P-65)	BDL(DL-0.01)	0.5	1.0
24	Nickel (as Ni)	mg/L	IS : 3025 (P-65)	BDL(DL-0.01)	0.02	No Relaxation
25	Manganese (as Mn)	mg/L	IS : 3025 (P-65)	BDL(DL-0.01)	0.1	0.3
26	Lead (as Pb)	mg/L	IS : 3025 (P-65)	BDL(DL-0.005)	0.01	No Relaxation
27	Copper (as Cu)	mg/L	IS : 3025 (P-65)	BDL(DL-0.01)	0.05	1.5
28	Chromium (as Cr)	mg/L	IS : 3025 (P-65)	BDL(DL-0.001)	0.05	No Relaxation
29	Aluminium (as Al)	mg/L	IS : 3025 (P-65)	BDL(DL-0.01)	0.03	0.2
30	E.Coli	cfu/100ml	IS : 15185	Absent	Shall not be detectable in any 100 ml	Not Specified
31	Total Coliform	cfu/100ml	IS : 15185	Absent	Shall not be detectable in any 100 ml	Not Specified

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

Remarks : BDL=Below Detection Limit.

EP-037/16/03/24-2



Checked by  
Sonu Gupta  
Sr. Analyst

Authorized Signatory  
Bhavna Sharma  
HOD (Microbiologist)

FOR NEWCON CONSULTANTS & LABORATORIES

Authorized Signatory  
Shashi Solanki  
Lab Head

1. The test report refers only to the particular sample/s submitted for testing and listed parameters.
2. Endorsement of the same is neither inferred nor implied.
3. Laboratory shall maintain the confidentiality of all information related to the samples & test reports.
4. Complaints about this report should be communicated within 10 days of the issue date of this report.
5. The report is not to be produced wholly or in part without prior permission of the Managing Partner. All disputes subject to Ghaziabad Jurisdiction.

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

Mobile : 9810430345, 9205501788 | Website : www.newconlab.in

E-mail : newconlab@gmail.com, newconlabfinance@gmail.com



# Newcon Consultants & Laboratories

(GOVERNMENT APPROVED TESTING LABORATORIES)  
An ISO 9001 : 2015, ISO 14001 : 2015, ISO 45001 : 2018 Certified Laboratory

## TEST REPORT

Page No.: 1 of 2

TEST REPORT No. NCL/EP-037/16/03/24/B		DATE OF REPORT : 28/03/2024
Name and Address of Customer	M/S LALITPUR POWER GENERATION COMPANY LIMITED, Village-Mirchwara and Burogaon, Tehsil-Mahroni, Lalitpur-284123 (U.P) India	

### SAMPLING DETAILS

Sample Name	: Ground Water	Analysis End Date	: 21/03/2024
Analysis Start Date	: 16/03/2024	Sample ID No.	: NCL/EP-037/16/03/24
Date of Sampling	: 14/03/2024	Sample Receipt Date	: 16/03/2024
Time of Sampling	: 01:20 PM	Environmental Condition	: 25±2°C
Sampling Done By	: NCL		
Sampling Description	: Ground Water		
Sampling Location	: Hand Pump Water Collected From Village Mirchwara		
Sampling Protocol	: IS:17614 (P-1)	Sample Quantity	: 5+1 Ltr
Packing Condition	: Sealed	Packing	: PVC BOTTLE

### TEST RESULT

S.No.	Parameters	Unit	Test Method	Result	Specification /Limit As Per IS:10500, Amd. 2018	
					Desirable Limit	Permissible Limit
1	Cyanide (as CN)	mg/L	IS : 3025 (P-27) Sec-1 Clause-4	BDL(DL-0.02)	0.05	No Relaxation
2	Ammonia (as total Ammonia)	mg/L	IS : 3025 (P-34) Clause 2.4	BDL(DL-0.2)	0.5	No Relaxation
3	Selenium (as Se)	mg/L	IS : 3025 (P-65)	BDL(DL-0.001)	0.01	No Relaxation
4	Arsenic (as As)	mg/L	IS : 3025 (P-65)	BDL(DL-0.001)	0.01	No Relaxation
5	Cadmium (as Cd)	mg/L	IS : 3025 (P-65)	BDL(DL-0.001)	0.003	No Relaxation
6	Molybdenum (as Mo)	mg/L	IS : 3025 (P-65)	BDL(DL-0.001)	0.07	No Relaxation
7	Silver (as Ag)	mg/L	IS : 3025 (P-65)	BDL(DL-0.001)	0.1	No Relaxation
8	Barium (as Ba)	mg/L	IS : 3025 (P-65)	BDL(DL-0.001)	0.7	No Relaxation
9	Mercury (as Hg)	mg/L	IS : 3025 (P-65)	BDL(DL-0.0005)	0.001	No Relaxation
10	Mineral Oil	mg/L	IS : 3025 (P-39) Clause 6	BDL(DL-0.1)	0.5	No Relaxation
11	Poly Chlorinated Biphenyls (PCB)	mg/L	APHA 6431 B	BDL(DL-0.0000 5)	0.0005	No Relaxation
12	Polynuclear Aromatic Hydrocarbon (PAH)	mg/L	APHA 6440	BDL(DL-0.0000 5)	0.0001	No Relaxation
13	Bromoform	mg/L	NCL/SOP/INST/112	BDL(DL-0.01)	0.1	No Relaxation

EP-037/16/03/24-1



Checked by  
Sonu Gupta  
Sr. Analyst

Authorized Signatory  
Bhavna Sharma  
HOD (Microbiologist)

FOR NEWCON CONSULTANTS & LABORATORIES

Authorized Signatory  
Shashi Solanki  
Lab Head

- The test report refers only to the particular sample/s submitted for testing and listed parameters.
- Endorsement of the same is neither inferred nor implied.
- Laboratory shall maintain the confidentiality of all information related to the samples & test reports.
- Complaints about this report should be communicated within 10 days of the issue date of this report.
- The report is not to be produced wholly or in part without prior permission of the Managing Partner. All disputes subject to Ghaziabad Jurisdiction.



# Newcon Consultants & Laboratories

(GOVERNMENT APPROVED TESTING LABORATORIES)

An ISO 9001 : 2015, ISO 14001 : 2015, ISO 45001 : 2018 Certified Laboratory

Page No. : 2 of 2

TEST REPORT No. NCL/EP-037/16/03/24/B

DATE OF REPORT : 28/03/2024


S.No.	Parameters	Unit	Test Method	Result	Specification /Limit As Per IS:10500, Amd. 2018	
					Desirable Limit	Permissible Limit
14	Dibromochloromethane	mg/L	NCL/SOP/INST/112	BDL(DL-0.01)	0.1	No Relaxation
15	Bromodichloromethane	mg/L	NCL/SOP/INST/112	BDL(DL-0.01)	0.08	No Relaxation
16	Chloroform	mg/L	NCL/SOP/INST/112	BDL(DL-0.01)	0.2	No Relaxation

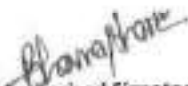
\*\*\*End of Report\*\*\*

Remarks : BDL=Below Detection Limit.

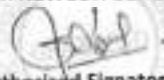
EP-037/16/03/24-2



  
Checked by  
Sonu Gupta  
Sr. Analyst

  
Authorized Signatory  
Bhavna Sharma  
HOD (Microbiologist)

FOR NEWCON CONSULTANTS & LABORATORIES

  
Authorized Signatory  
Shashi Solanki  
Lab Head

1. The test report refers only to the particular sample/s submitted for testing and listed parameters.
2. Endorsement of the same is neither inferred nor implied.
3. Laboratory shall maintain the confidentiality of all information related to the samples & test reports.
4. Complaints about this report should be communicated within 10 days of the issue date of this report.
5. The report is not to be produced wholly or in part without prior permission of the Managing Partner. All disputes subject to Ghaziabad Jurisdiction.

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

Mobile : 9810430345, 9205501788 | Website : www.newconlab.in

E-mail : newconlab@gmail.com, newconlabfinance@gmail.com





# Newcon Consultants & Laboratories



(GOVERNMENT APPROVED TESTING LABORATORIES)  
As ISO 9001 : 2015, ISO 14001 : 2015, ISO 45001 : 2018 Certified Laboratory

## TEST REPORT

Page No. : 1 of 2

TEST REPORT No. NCL/EP-038/16/03/24/A		ULR No.:TC1262124000000265F	DATE OF REPORT : 28/03/2024
Name and Address of Customer	M/S LALITPUR POWER GENERATION COMPANY LIMITED. Village-Mirchwara and Burogaon, Tehsil-Mahroni, Lalitpur-284123 (U.P) India		

### SAMPLING DETAILS

Sample Name	: Ground Water	Analysis End Date	: 21/03/2024
Analysis Start Date	: 16/03/2024	Sample ID No.	: NCL/EP-038/16/03/24
Date of Sampling	: 14/03/2024	Sample Receipt Date	: 16/03/2024
Time of Sampling	: 01:30 PM	Environmental Condition	: 25±2°C
Sampling Done By	: NCL		
Sampling Description	: Ground Water		
Sampling Location	: Hand Pump Water Near Railway Station		
Sampling Protocol	: IS:17614 (P-1)	Sample Quantity	: 5+1 Ltr
Packing Condition	: Sealed	Packing	: PVC BOTTLE

### TEST RESULT

S.No.	Parameters	Unit	Test Method	Result	Specification /Limit As Per IS:10500, Amd. 2018	
					Desirable Limit	Permissible Limit
1	Colour	Hazen	IS : 3025 (P-4) Clause-4	BDL(DL-1.0)	5.0	15
2	Odour	--	IS : 3025 (P-5)	Agreeable	Agreeable	Agreeable
3	Taste	--	IS : 3025 (P-8)	Agreeable	Agreeable	Agreeable
4	Turbidity	NTU	IS : 3025 (P-10)	BDL(DL-1.0)	1.0	5
5	pH Value	--	IS : 3025 (P-11)	7.45	6.5-8.5	No Relaxation
6	Total Dissolved Solids	mg/L	IS : 3025 (P-16)	462	500	2000
7	Total Hardness (as CaCO <sub>3</sub> )	mg/L	IS : 3025 (P-21)	271	200	600
8	Calcium (as Ca)	mg/L	IS : 3025 (P-40)	73	75	200
9	Magnesium (as Mg)	mg/L	IS : 3025 (P-46) Clause-6	21.5	30	100
10	Total Alkalinity (as CaCO <sub>3</sub> )	mg/L	IS : 3025 (P-23)	196	200	600
11	Chloride (as Cl)	mg/L	IS : 3025 (P-32) Clause-2	70	250	1000
12	Nitrate (as NO <sub>3</sub> )	mg/L	IS : 3025 (P-34) Clause 3.3	BDL(DL-0.2)	45	No Relaxation
13	Nitrite (as NO <sub>2</sub> )	mg/L	IS : 3025 (P-34) Clause 4	BDL(DL-0.5)	Not Specified	Not Specified
14	Sulphate (as SO <sub>4</sub> )	mg/L	IS : 3025 (P-24) Sec-1 Clause-5	BDL(DL-2.0)	200	400
15	Sulphide (as H <sub>2</sub> S)	mg/L	IS : 3025 (P-29)	BDL(DL-0.01)	0.05	No Relaxation

EP-038/16/03/24-1



Checked by  
Sonu Gupta  
Sr. Analyst

Authorized Signatory  
Bhavna Sharma  
HOD (Microbiologist)

FOR NEWCON CONSULTANTS & LABORATORIES

Authorized Signatory  
Shashi Solanki  
Lab Head

- The test report refers only to the particular sample/s submitted for testing and listed parameters.
- Endorsement of the same is neither inferred nor implied.
- Laboratory shall maintain the confidentiality of all information related to the samples & test reports.
- Complaints about this report should be communicated within 10 days of the Issue date of this report.
- The report is not to be produced wholly or in part without prior permission of the Managing Partner. All disputes subject to Ghaziabad Jurisdiction.

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

Mobile : 9810430345, 9205501788 | Website : www.newconlab.in

E-mail : newconlab@gmail.com, newconlabfinance@gmail.com



# Newcon Consultants & Laboratories



(GOVERNMENT APPROVED TESTING LABORATORIES)

An ISO 9001 : 2015, ISO 14001 : 2015, ISO 45001 : 2018 Certified Laboratory

Page No. : 2 of 2

TEST REPORT No. NCL/EP-038/16/03/24/A ULR No.:TC126212400000265F DATE OF REPORT :28/03/2024

S.No.	Parameters	Unit	Test Method	Result	Specification /Limit As Per IS:10500, Amd. 2018	
					Desirable Limit	Permissible Limit
16	Fluoride (as F)	mg/L	APHA 4500-F-D	0.47	1.0	1.5
17	Free Residual Chlorine (as Cl <sub>2</sub> )	mg/L	IS : 3025 (P-26) Clause-7	BDL(DL-0.1)	0.2	1.0
18	Chloramines (as Cl <sub>2</sub> )	mg/L	IS : 3025 (P-26) Clause-7	BDL(DL-0.1)	4.0	No Relaxation
19	Phenolic Compound (as C <sub>6</sub> H <sub>5</sub> OH)	mg/L	IS : 3025 (P-43) Sec-1 Clause-4	BDL(DL-0.0005)	0.001	0.002
20	Anionic Surfactant (as MBAS)	mg/L	IS : 3025 (P-68)	BDL(DL-0.1)	0.2	1.0
21	Iron (as Fe)	mg/L	IS : 3025 (P-65)	0.16	1.0	No Relaxation
22	Zinc (as Zn)	mg/L	IS : 3025 (P-65)	0.14	5.0	15.0
23	Boron (as B)	mg/L	IS : 3025 (P-65)	BDL(DL-0.01)	0.5	1.0
24	Nickel (as Ni)	mg/L	IS : 3025 (P-65)	BDL(DL-0.01)	0.02	No Relaxation
25	Manganese (as Mn)	mg/L	IS : 3025 (P-65)	BDL(DL-0.01)	0.1	0.3
26	Lead (as Pb)	mg/L	IS : 3025 (P-65)	BDL(DL-0.005)	0.01	No Relaxation
27	Copper (as Cu)	mg/L	IS : 3025 (P-65)	BDL(DL-0.01)	0.05	1.5
28	Chromium (as Cr)	mg/L	IS : 3025 (P-65)	BDL(DL-0.001)	0.05	No Relaxation
29	Aluminium (as Al)	mg/L	IS : 3025 (P-65)	BDL(DL-0.01)	0.03	0.2
30	E.Coli	cfu/100ml	IS : 15185	Absent	Shall not be detectable in any 100 ml	Not Specified
31	Total Coliform	cfu/100ml	IS : 15185	Absent	Shall not be detectable in any 100 ml	Not Specified

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

Remarks : BDL=Below Detection Limit.

EP-038/16/03/24-2



Checked by  
Soni Gupta  
Sr. Analyst

Authorized Signatory  
Bhavna Sharma  
HOD (Microbiologist)

FOR NEWCON CONSULTANTS & LABORATORIES

Authorized Signatory  
Shashi Solanki  
Lab Head

1. The test report refers only to the particular sample/s submitted for testing and listed parameters.
2. Endorsement of the same is neither inferred nor implied.
3. Laboratory shall maintain the confidentiality of all information related to the samples & test reports.
4. Complaints about this report should be communicated within 10 days of the issue date of this report.
5. The report is not to be produced wholly or in part without prior permission of the Managing Partner. All disputes subject to Ghaziabad Jurisdiction.

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

Mobile : 9810430345, 9205501788 | Website : www.newconlab.in

E-mail : newconlab@gmail.com, newconlabfinance@gmail.com



# Newcon Consultants & Laboratories

(GOVERNMENT APPROVED TESTING LABORATORIES)  
An ISO 9001 : 2015, ISO 14001 : 2015, ISO 45001 : 2018 Certified Laboratory

## TEST REPORT

Page No.: 1 of 2

TEST REPORT No. NCL/EP-038/16/03/24/B		DATE OF REPORT : 28/03/2024
Name and Address of Customer	M/S LALITPUR POWER GENERATION COMPANY LIMITED. Village-Mirchwara and Burogaon, Tehsil-Mahroni, Lalitpur-284123 (U.P) India	

### SAMPLING DETAILS

Sample Name	: Ground Water	Analysis End Date	: 21/03/2024
Analysis Start Date	: 16/03/2024	Sample ID No.	: NCL/EP-038/16/03/24
Date of Sampling	: 14/03/2024	Sample Receipt Date	: 16/03/2024
Time of Sampling	: 01:30 PM	Environmental Condition	: 25±2°C
Sampling Done By	: NCL	Sample Quantity	: 5+1 Ltr
Sampling Description	: Ground Water	Packing	: PVC BOTTLE
Sampling Location	: Hand Pump Water Near Railway Station		
Sampling Protocol	: IS:17614 (P-1)		
Packing Condition	: Sealed		

### TEST RESULT

S.No.	Parameters	Unit	Test Method	Result	Specification /Limit As Per IS:10500, Amd. 2018	
					Desirable Limit	Permissible Limit
1	Cyanide (as CN)	mg/L	IS : 3025 (P-27) Sec-1 Clause-4	BDL(DL-0.02)	0.05	No Relaxation
2	Ammonia (as total Ammonia)	mg/L	IS : 3025 (P-34) Clause 2.4	BDL(DL-0.2)	0.5	No Relaxation
3	Selenium (as Se)	mg/L	IS : 3025 (P-65)	BDL(DL-0.001)	0.01	No Relaxation
4	Arsenic (as As)	mg/L	IS : 3025 (P-65)	BDL(DL-0.001)	0.01	No Relaxation
5	Cadmium (as Cd)	mg/L	IS : 3025 (P-65)	BDL(DL-0.001)	0.003	No Relaxation
6	Molybdenum (as Mo)	mg/L	IS : 3025 (P-65)	BDL(DL-0.001)	0.07	No Relaxation
7	Silver (as Ag)	mg/L	IS : 3025 (P-65)	BDL(DL-0.001)	0.1	No Relaxation
8	Barium (as Ba)	mg/L	IS : 3025 (P-65)	BDL(DL-0.001)	0.7	No Relaxation
9	Mercury (as Hg)	mg/L	IS : 3025 (P-65)	BDL(DL-0.0005)	0.001	No Relaxation
10	Mineral Oil	mg/L	IS : 3025 (P-39) Clause 6	BDL(DL-0.1)	0.5	No Relaxation
11	Poly Chlorinated Biphenyls (PCB)	mg/L	APHA 8431 B	BDL(DL-0.0000 5)	0.0005	No Relaxation
12	Polynuclear Aromatic Hydrocarbon (PAH)	mg/L	APHA 6440	BDL(DL-0.0000 5)	0.0001	No Relaxation
13	Bromoform	mg/L	NCL/SOP/INST/112	BDL(DL-0.01)	0.1	No Relaxation

EP-038/16/03/24-1



Checked by  
Sonu Gupta  
Sr. Analyst

Authorized Signatory  
Bhavna Sharma  
HOD (Microbiologist)

FOR NEWCON CONSULTANTS & LABORATORIES

Authorized Signatory  
Shashi Solanki  
Lab Head

- The test report refers only to the particular sample/s submitted for testing and listed parameters.
- Endorsement of the same is neither inferred nor implied.
- Laboratory shall maintain the confidentiality of all information related to the samples & test reports.
- Complaints about this report should be communicated within 10 days of the issue date of this report.
- The report is not to be produced wholly or in part without prior permission of the Managing Partner. All disputes subject to Ghaziabad Jurisdiction.



# Newcon Consultants & Laboratories

(GOVERNMENT APPROVED TESTING LABORATORIES)  
An ISO 9001 : 2015, ISO 14001 : 2015, ISO 45001 : 2018 Certified Laboratory

Page No. : 2 of 2

TEST REPORT No. NCL/EP-038/16/03/24/B

DATE OF REPORT : 28/03/2024

S.No.	Parameters	Unit	Test Method	Result	Specification /Limit As Per IS:10500, Amd. 2018	
					Desirable Limit	Permissible Limit
14	Dibromochloromethane	mg/L	NCL/SOP/INST/112	BDL(DL-0.01)	0.1	No Relaxation
15	Bromodichloromethane	mg/L	NCL/SOP/INST/112	BDL(DL-0.01)	0.06	No Relaxation
16	Chloroform	mg/L	NCL/SOP/INST/112	BDL(DL-0.01)	0.2	No Relaxation

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

Remarks : BDL=Below Detection Limit.

EP-038/16/03/24-2



*Sonu*  
Checked by  
Sonu Gupta  
Sr. Analyst

*Bhavna Sharma*  
Authorized Signatory  
Bhavna Sharma  
HOD (Microbiologist)

FOR NEWCON CONSULTANTS & LABORATORIES

*Shashi Solanki*  
Authorized Signatory  
Shashi Solanki  
Lab Head

1. The test report refers only to the particular sample/s submitted for testing and listed parameters.
2. Endorsement of the same is neither inferred nor implied.
3. Laboratory shall maintain the confidentiality of all information related to the samples & test reports.
4. Complaints about this report should be communicated within 10 days of the issue date of this report.
5. The report is not to be produced wholly or in part without prior permission of the Managing Partner. All disputes subject to Ghazabad Jurisdiction.



# Newcon Consultants & Laboratories

(GOVERNMENT APPROVED TESTING LABORATORIES)

An ISO 9001 : 2015, ISO 14001 : 2015, ISO 45001 : 2018 Certified Laboratory



TC-12621

## TEST REPORT

Page No.: 1 of 2

TEST REPORT No. NCL/EP-039/16/03/24/A		ULR No.: TC1262124000000267F	DATE OF REPORT : 28/03/2024
Name and Address of Customer	M/S LALITPUR POWER GENERATION COMPANY LIMITED. Village-Mirchwara and Burogaon, Tehsil-Mahroni, Lalitpur-284123 (U.P) India		

### SAMPLING DETAILS

Sample Name	: Ground Water	Analysis End Date	: 21/03/2024
Analysis Start Date	: 16/03/2024	Sample ID No.	: NCL/EP-039/16/03/24
Date of Sampling	: 14/03/2024	Sample Receipt Date	: 16/03/2024
Time of Sampling	: 01:40 PM	Environmental Condition	: 25±2°C
Sampling Done By	: NCL		
Sampling Description	: Ground Water		
Sampling Location	: Hand Pump Water Collected From Semara Village		
Sampling Protocol	: IS:17614 (P-1)	Sample Quantity	: 5+1 Ltr
Packing Condition	: Sealed	Packing	: PVC BOTTLE

### TEST RESULT

S.No.	Parameters	Unit	Test Method	Result	Specification /Limit As Per IS:10500, Amd. 2018	
					Desirable Limit	Permissible Limit
1	Colour	Hazen	IS : 3025 (P-4) Clause-4	BDL(DL-1.0)	5.0	15
2	Odour	--	IS : 3025 (P-5)	Agreeable	Agreeable	Agreeable
3	Taste	--	IS : 3025 (P-8)	Agreeable	Agreeable	Agreeable
4	Turbidity	NTU	IS : 3025 (P-10)	BDL(DL-1.0)	1.0	5
5	pH Value	--	IS : 3025 (P-11)	7.35	6.5-8.5	No Relaxation
6	Total Dissolved Solids	mg/L	IS : 3025 (P-16)	620	500	2000
7	Total Hardness (as CaCO <sub>3</sub> )	mg/L	IS : 3025 (P-21)	331	200	600
8	Calcium (as Ca)	mg/L	IS : 3025 (P-40)	90.6	75	200
9	Magnesium (as Mg)	mg/L	IS : 3025 (P-46) Clause-6	25.3	30	100
10	Total Alkalinity (as CaCO <sub>3</sub> )	mg/L	IS : 3025 (P-23)	274	200	600
11	Chloride (as Cl)	mg/L	IS : 3025 (P-32) Clause-2	80	250	1000
12	Nitrate (as NO <sub>3</sub> )	mg/L	IS : 3025 (P-34) Clause 3.3	BDL(DL-0.2)	45	No Relaxation
13	Nitrite (as NO <sub>2</sub> )	mg/L	IS : 3025 (P-34) Clause 4	BDL(DL-0.5)	Not Specified	Not Specified
14	Sulphate (as SO <sub>4</sub> )	mg/L	IS : 3025 (P-24) Sec-1 Clause-5	28	200	400
15	Sulphide (as H <sub>2</sub> S)	mg/L	IS : 3025 (P-29)	BDL(DL-0.01)	0.05	No Relaxation

EP-039/16/03/24-1



*Sonu*  
Checked by  
Sonu Gupta  
Sr. Analyst

*Bhavna Sharma*  
Authorized Signatory  
Bhavna Sharma  
HOD (Microbiologist)

FOR NEWCON CONSULTANTS & LABORATORIES

*Sashi Solanki*  
Authorized Signatory  
Sashi Solanki  
Lab Head

- The test report refers only to the particular sample/s submitted for testing and listed parameters.
- Endorsement of the same is neither inferred nor implied.
- Laboratory shall maintain the confidentiality of all information related to the samples & test reports.
- Complaints about this report should be communicated within 10 days of the issue date of this report.
- The report is not to be produced wholly or in part without prior permission of the Managing Partner. All disputes subject to Ghaziabad Jurisdiction.

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

Mobile : 9810430345, 9205501788 | Website : www.newconlab.in

E-mail : newconlab@gmail.com, newconlabfinance@gmail.com





# Newcon Consultants & Laboratories

(GOVERNMENT APPROVED TESTING LABORATORIES)

An ISO 9001 : 2015, ISO 14001 : 2015, ISO 45001 : 2018 Certified Laboratory



Page No.: 2 of 2

TEST REPORT No. NCL/EP-039/16/03/24/A ULR No.:TC1262124000000267F DATE OF REPORT : 28/03/2024

S.No.	Parameters	Unit	Test Method	Result	Specification /Limit As Per IS:10500, Amd. 2018	
					Desirable Limit	Permissible Limit
16	Fluoride (as F)	mg/L	APHA 4500-F-D	0.45	1.0	1.5
17	Free Residual Chlorine (as Cl <sub>2</sub> )	mg/L	IS : 3025 (P-26) Clause-7	BDL(DL-0.1)	0.2	1.0
18	Chloramines (as Cl <sub>2</sub> )	mg/L	IS : 3025 (P-26) Clause-7	BDL(DL-0.1)	4.0	No Relaxation
19	Phenolic Compound (as C <sub>6</sub> H <sub>5</sub> OH)	mg/L	IS : 3025 (P-43) Sec-1 Clause-4	BDL(DL-0.0005)	0.001	0.002
20	Anionic Surfactant (as MBAS)	mg/L	IS : 3025 (P-68)	BDL(DL-0.1)	0.2	1.0
21	Iron (as Fe)	mg/L	IS : 3025 (P-65)	0.15	1.0	No Relaxation
22	Zinc (as Zn)	mg/l	IS : 3025 (P-65)	0.12	5.0	15.0
23	Boron (as B)	mg/L	IS : 3025 (P-65)	BDL(DL-0.01)	0.5	1.0
24	Nickel (as Ni)	mg/L	IS : 3025 (P-65)	BDL(DL-0.01)	0.02	No Relaxation
25	Manganese (as Mn)	mg/L	IS : 3025 (P-65)	BDL(DL-0.01)	0.1	0.3
26	Lead (as Pb)	mg/L	IS : 3025 (P-65)	BDL(DL-0.005)	0.01	No Relaxation
27	Copper (as Cu)	mg/L	IS : 3025 (P-65)	BDL(DL-0.01)	0.05	1.5
28	Chromium (as Cr)	mg/L	IS : 3025 (P-65)	BDL(DL-0.001)	0.05	No Relaxation
29	Aluminium (as Al)	mg/L	IS : 3025 (P-65)	BOL(DL-0.01)	0.03	0.2
30	E.Coli	cfu/100ml	IS : 15185	Absent	Shall not be detectable in any 100 ml	Not Specified
31	Total Coliform	cfu/100ml	IS : 15185	Absent	Shall not be detectable in any 100 ml	Not Specified

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

Remarks : BDL=Below Detection Limit.

EP-039/16/03/24-2



Checked by  
Sonu Gupta  
Sr. Analyst

Authorized Signatory  
Bhavna Sharma  
HOD (Microbiologist)

FOR NEWCON CONSULTANTS & LABORATORIES

Authorized Signatory  
Shashi Solanki  
Lab Head

1. The test report refers only to the particular sample/s submitted for testing and listed parameters.
2. Endorsement of the same is neither inferred nor implied.
3. Laboratory shall maintain the confidentiality of all information related to the samples & test reports.
4. Complaints about this report should be communicated within 10 days of the issue date of this report.
5. The report is not to be produced wholly or in part without prior permission of the Managing Partner. All disputes subject to Ghaziabad Jurisdiction.

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

Mobile : 9810430345, 9205501788 | Website : www.newconlab.in

E-mail : newconlab@gmail.com, newconlabfinance@gmail.com



# Newcon Consultants & Laboratories

(GOVERNMENT APPROVED TESTING LABORATORIES)  
An ISO 9001 : 2015, ISO 14001 : 2015, ISO 45001 : 2018 Certified Laboratory

## TEST REPORT

Page No.: 1 of 2

TEST REPORT No. NCL/EP-039/16/03/24/B		DATE OF REPORT : 28/03/2024
Name and Address of Customer	M/S LALITPUR POWER GENERATION COMPANY LIMITED, Village-Mirchwara and Burogaon, Tehsil-Mahroni, Lalitpur-284123 (U.P) India	

### SAMPLING DETAILS

Sample Name	: Ground Water	Analysis End Date	: 21/03/2024
Analysis Start Date	: 16/03/2024	Sample ID No.	: NCL/EP-039/16/03/24
Date of Sampling	: 14/03/2024	Sample Receipt Date	: 16/03/2024
Time of Sampling	: 01:40 PM	Environmental Condition	: 25±2°C
Sampling Done By	: NCL		
Sampling Description	: Ground Water		
Sampling Location	: Hand Pump Water Collected From Semara Village		
Sampling Protocol	: IS:17614 (P-1)	Sample Quantity	: 5+1 Ltr
Packing Condition	: Sealed	Packing	: PVC BOTTLE

### TEST RESULT

S.No.	Parameters	Unit	Test Method	Result	Specification /Limit As Per IS:10500, Amd. 2018	
					Desirable Limit	Permissible Limit
1	Cyanide (as CN)	mg/L	IS : 3025 (P-27) Sec-1 Clause-4	BDL(DL-0.02)	0.05	No Relaxation
2	Ammonia (as total Ammonia)	mg/L	IS : 3025 (P-34) Clause 2.4	BDL(DL-0.2)	0.5	No Relaxation
3	Selenium (as Se)	mg/L	IS : 3025 (P-65)	BDL(DL-0.001)	0.01	No Relaxation
4	Arsenic (as As)	mg/L	IS : 3025 (P-65)	BDL(DL-0.001)	0.01	No Relaxation
5	Cadmium (as Cd)	mg/L	IS : 3025 (P-65)	BDL(DL-0.001)	0.003	No Relaxation
6	Molybdenum (as Mo)	mg/L	IS : 3025 (P-65)	BDL(DL-0.001)	0.07	No Relaxation
7	Silver (as Ag)	mg/L	IS : 3025 (P-65)	BDL(DL-0.001)	0.1	No Relaxation
8	Barium (as Ba)	mg/L	IS : 3025 (P-65)	BDL(DL-0.001)	0.7	No Relaxation
9	Mercury (as Hg)	mg/L	IS : 3025 (P-65)	BDL(DL-0.0005)	0.001	No Relaxation
10	Mineral Oil	mg/L	IS : 3025 (P-39) Clause 6	BDL(DL-0.1)	0.5	No Relaxation
11	Poly Chlorinated Biphenyls (PCB)	mg/L	APHA 6431 B	BDL(DL-0.00005)	0.0005	No Relaxation
12	Polynuclear Aromatic Hydrocarbon (PAH)	mg/L	APHA 6440	BDL(DL-0.00005)	0.0001	No Relaxation
13	Bromofom	mg/L	NCL/SOP/INST/112	BDL(DL-0.01)	0.1	No Relaxation

EP-039/16/03/24-1



Checked by  
Sonu Gupta  
Sr. Analyst

Authorized Signatory  
Bhavna Sharma  
HOD (Microbiologist)

FOR NEWCON CONSULTANTS & LABORATORIES

Authorized Signatory  
Shashi Solanki  
Lab Head

- The test report refers only to the particular sample/s submitted for testing and listed parameters.
- Endorsement of the same is neither inferred nor implied.
- Laboratory shall maintain the confidentiality of all information related to the samples & test reports.
- Complaints about this report should be communicated within 30 days of the issue date of this report.
- The report is not to be produced wholly or in part without prior permission of the Managing Partner, All disputes subject to Ghazibad Jurisdiction.

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

Mobile : 9810430345, 9205501788 | Website : www.newconlab.in

E-mail : newconlab@gmail.com, newconlabfinance@gmail.com



# Newcon Consultants & Laboratories

(GOVERNMENT APPROVED TESTING LABORATORIES)

As ISO 9001 : 2015, ISO 14001 : 2015, ISO 45001 : 2018 Certified Laboratory

Page No.: 2 of 2

TEST REPORT No. NCL/EP-039/16/03/24/B

DATE OF REPORT : 28/03/2024

S.No.	Parameters	Unit	Test Method	Result	Specification /Limit As Per IS:10500, Amd. 2018	
					Desirable Limit	Permissible Limit
14	Dibromochloromethane	mg/L	NCL/SOP/INST/112	BDL(DL-0.01)	0.1	No Relaxation
15	Bromodichloromethane	mg/L	NCL/SOP/INST/112	BDL(DL-0.01)	0.06	No Relaxation
16	Chloroform	mg/L	NCL/SOP/INST/112	BDL(DL-0.01)	0.2	No Relaxation

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

Remarks : BDL=Below Detection Limit.

EP-039/16/03/24-2



Checked by  
Sonu Gupta  
Sr. Analyst

Authorized Signatory  
Bhavna Sharma  
HOD (Microbiologist)

FOR NEWCON CONSULTANTS & LABORATORIES

Authorized Signatory  
Shashi Solanki  
Lab Head

1. The test report refers only to the particular sample/s submitted for testing and listed parameters.
2. Endorsement of the same is neither inferred nor implied.
3. Laboratory shall maintain the confidentiality of all information related to the samples & test reports.
4. Complaints about this report should be communicated within 10 days of the issue date of this report.
5. The report is not to be produced wholly or in part without prior permission of the Managing Partner. All disputes subject to Ghaziabad Jurisdiction.

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

Mobile : 9810430345, 9205501788 | Website : www.newconlab.in

E-mail : newconlab@gmail.com, newconlabfinance@gmail.com



# Newcon Consultants & Laboratories



(GOVERNMENT APPROVED TESTING LABORATORIES)

As ISO 9001 : 2015, ISO 14001 : 2015, ISO 45001 : 2018 Certified Laboratory

## TEST REPORT

Page No. : 1 of 2

TEST REPORT No. NCL/EP-090/16/03/24/A		ULR No.: TC1262124000000258F	DATE OF REPORT : 28/03/2024
Name and Address of Customer		M/S LALITPUR POWER GENERATION COMPANY LIMITED. Village-Mirchwara and Burogaon, Tehsil-Mahroni, Lalitpur-284123 (U.P) India	

### SAMPLING DETAILS

Sample Name : Ground Water  
 Analysis Start Date : 16/03/2024  
 Date of Sampling : 14/03/2024  
 Time of Sampling : 12:00 PM  
 Sampling Done By : NCL  
 Sampling Description : Ground Water  
 Sampling Location : Bamhoura Sohna Jaipal & Others  
 Sampling Protocol : IS:17614 (P-1)  
 Packing Condition : Sealed

Analysis End Date : 21/03/2024  
 Sample ID No. : NCL/EP-090/16/03/24  
 Sample Receipt Date : 16/03/2024  
 Environmental Condition : 25±2°C

Sample Quantity : 5+1 Ltr  
 Packing : PVC BOTTLE

### TEST RESULT

S.No.	Parameters	Unit	Test Method	Result	Specification /Limit As Per IS:10500, Amd. 2018	
					Desirable Limit	Permissible Limit
1	Colour	Hazen	IS : 3025 (P-4) Clause-4	BDL(DL-1.0)	5.0	15
2	Odour	--	IS : 3025 (P-5)	Agreeable	Agreeable	Agreeable
3	Taste	--	IS : 3025 (P-8)	Agreeable	Agreeable	Agreeable
4	Turbidity	NTU	IS : 3025 (P-10)	BDL(DL-1.0)	1.0	5
5	pH Value	--	IS : 3025 (P-11)	7.42	6.5-8.5	No Relaxation
6	Total Dissolved Solids	mg/L	IS : 3025 (P-16)	284	500	2000
7	Total Hardness (as CaCO <sub>3</sub> )	mg/L	IS : 3025 (P-21)	125	200	600
8	Calcium (as Ca)	mg/L	IS : 3025 (P-40)	37.2	75	200
9	Magnesium (as Mg)	mg/L	IS : 3025 (P-46) Clause-6	7.8	30	100
10	Total Alkalinity (as CaCO <sub>3</sub> )	mg/L	IS : 3025 (P-23)	132	200	600
11	Chloride (as Cl)	mg/L	IS : 3025 (P-32) Clause-2	87	250	1000
12	Nitrate (as NO <sub>3</sub> )	mg/L	IS : 3025 (P-34) Clause 3.3	BDL(DL-0.2)	45	No Relaxation
13	Nitrite (as NO <sub>2</sub> )	mg/L	IS : 3025 (P-34) Clause 4	BDL(DL-0.5)	Not Specified	Not Specified
14	Sulphate (as SO <sub>4</sub> )	mg/L	IS : 3025 (P-24) Sec-1 Clause-5	13	200	400
15	Sulphide (as H <sub>2</sub> S)	mg/L	IS : 3025 (P-29)	BDL(DL-0.01)	0.05	No Relaxation

EP-090/16/03/24-1



Checked by  
Sonu Gupta  
Sr. Analyst

Authorized Signatory  
Bhavna Sharma  
HOD (Microbiologist)

FOR NEWCON CONSULTANTS & LABORATORIES

Authorized Signatory  
Shashi Solanki  
Lab Head

1. The test report refers only to the particular sample/s submitted for testing and listed parameters.
2. Endorsement of the same is neither inferred nor implied.
3. Laboratory shall maintain the confidentiality of all information related to the samples & test reports.
4. Complaints about this report should be communicated within 10 days of the issue date of this report.
5. The report is not to be produced wholly or in part without prior permission of the Managing Partner. All disputes subject to Ghaziabad Jurisdiction.

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

Mobile : 9810430345, 9205501788 | Website : www.newconlab.in

E-mail : newconlab@gmail.com, newconlabfinance@gmail.com



# Newcon Consultants & Laboratories

(GOVERNMENT APPROVED TESTING LABORATORIES)  
An ISO 9001 : 2015, ISO 14001 : 2015, ISO 45001 : 2018 Certified Laboratory



Page No. : 2 of 2

TEST REPORT No. NCL/EP-090/16/03/24/A ULR No.:TC1262124000000258F DATE OF REPORT : 28/03/2024

S.No.	Parameters	Unit	Test Method	Result	Specification /Limit As Per IS:10500, Amd. 2018	
					Desirable Limit	Permissible Limit
16	Fluoride (as F)	mg/L	APHA 4500-F-D	BDL(DL-0.1)	1.0	1.5
17	Free Residual Chlorine (as Cl <sub>2</sub> )	mg/L	IS : 3025 (P-26) Clause-7	BDL(DL-0.1)	0.2	1.0
18	Chloramines (as Cl <sub>2</sub> )	mg/L	IS : 3025 (P-26) Clause-7	BDL(DL-0.1)	4.0	No Relaxation
19	Phenolic Compound (as C <sub>6</sub> H <sub>5</sub> OH)	mg/L	IS : 3025 (P-43) Sec-1 Clause-4	BDL(DL-0.0005)	0.001	0.002
20	Anionic Surfactant (as MBAS)	mg/L	IS : 3025 (P-68)	BDL(DL-0.1)	0.2	1.0
21	Iron (as Fe)	mg/L	IS : 3025 (P-65)	BDL(DL-0.01)	1.0	No Relaxation
22	Zinc (as Zn)	mg/L	IS : 3025 (P-65)	BDL(DL-0.001)	5.0	15.0
23	Boron (as B)	mg/L	IS : 3025 (P-65)	BDL(DL-0.01)	0.5	1.0
24	Nickel (as Ni)	mg/L	IS : 3025 (P-65)	BDL(DL-0.01)	0.02	No Relaxation
25	Manganese (as Mn)	mg/L	IS : 3025 (P-65)	BDL(DL-0.01)	0.1	0.3
26	Lead (as Pb)	mg/L	IS : 3025 (P-65)	BDL(DL-0.005)	0.01	No Relaxation
27	Copper (as Cu)	mg/L	IS : 3025 (P-65)	BDL(DL-0.01)	0.05	1.5
28	Chromium (as Cr)	mg/L	IS : 3025 (P-65)	BDL(DL-0.001)	0.05	No Relaxation
29	Aluminium (as Al)	mg/L	IS : 3025 (P-65)	BDL(DL-0.01)	0.03	0.2
30	E.Coli	cfu/100ml	IS : 15185	Absent	Shall not be detectable in any 100 ml	Not Specified
31	Total Coliform	cfu/100ml	IS : 15185	Absent	Shall not be detectable in any 100 ml	Not Specified

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

Remarks : BDL=Below Detection Limit.

EP-090/16/03/24-2



Checked by  
Sonu Gupta  
Sr. Analyst

Authorized Signatory  
Bhavna Sharma  
HOD (Microbiologist)

FOR NEWCON CONSULTANTS & LABORATORIES

Authorized Signatory  
Shashi Solanki  
Lab Head

- The test report refers only to the particular sample/s submitted for testing and listed parameters.
- Endorsement of the same is neither inferred nor implied.
- Laboratory shall maintain the confidentiality of all information related to the samples & test reports.
- Complaints about this report should be communicated within 10 days of the issue date of this report.
- The report is not to be produced wholly or in part without prior permission of the Managing Partner. All disputes subject to Ghaziabad Jurisdiction.





# Newcon Consultants & Laboratories

(GOVERNMENT APPROVED TESTING LABORATORIES)

An ISO 9001 : 2015, ISO 14001 : 2015, ISO 45001 : 2018 Certified Laboratory

## TEST REPORT

Page No.: 1 of 2

TEST REPORT No. NCL/EP-090/16/03/24/B		DATE OF REPORT : 28/03/2024
Name and Address of Customer	M/S LALITPUR POWER GENERATION COMPANY LIMITED. Village-Mirchwara and Burogaon, Tehsil-Mahroni, Lalitpur-284123 (U.P) India	

### SAMPLING DETAILS

Sample Name	: Ground Water	Analysis End Date	: 21/03/2024
Analysis Start Date	: 16/03/2024	Sample ID No.	: NCL/EP-090/16/03/24
Date of Sampling	: 14/03/2024	Sample Receipt Date	: 16/03/2024
Time of Sampling	: 12:00 PM	Environmental Condition	: 25±2°C
Sampling Done By	: NCL	Sample Quantity	: 5+1 Ltr
Sampling Description	: Ground Water	Packing	: PVC BOTTLE
Sampling Location	: Bamhoura Sohna Jaipal & Others		
Sampling Protocol	: IS:17614 (P-1)		
Packing Condition	: Sealed		

### TEST RESULT

S.No.	Parameters	Unit	Test Method	Result	Specification /Limit As Per IS:10500, Amd. 2018	
					Desirable Limit	Permissible Limit
1	Cyanide (as CN)	mg/L	IS : 3025 (P-27) Sec-1 Clause-4	BDL(DL-0.02)	0.05	No Relaxation
2	Ammonia (as total Ammonia)	mg/L	IS : 3025 (P-34) Clause 2.4	BDL(DL-0.2)	0.5	No Relaxation
3	Selenium (as Se)	mg/L	IS : 3025 (P-65)	BOL(DL-0.001)	0.01	No Relaxation
4	Arsenic (as As)	mg/L	IS : 3025 (P-65)	BDL(DL-0.001)	0.01	No Relaxation
5	Cadmium (as Cd)	mg/L	IS : 3025 (P-65)	BDL(DL-0.001)	0.003	No Relaxation
6	Molybdenum (as Mo)	mg/L	IS : 3025 (P-65)	BDL(DL-0.001)	0.07	No Relaxation
7	Silver (as Ag)	mg/L	IS : 3025 (P-65)	BOL(DL-0.001)	0.1	No Relaxation
8	Barium (as Ba)	mg/L	IS : 3025 (P-65)	BOL(DL-0.001)	0.7	No Relaxation
9	Mercury (as Hg)	mg/L	IS : 3025 (P-65)	BDL(DL-0.0005)	0.001	No Relaxation
10	Mineral Oil	mg/L	IS : 3025 (P-39) Clause 6	BDL(DL-0.1)	0.5	No Relaxation
11	Poly Chlorinated Biphenyls (PCB)	mg/L	APHA 6431 B	BDL(DL-0.00005)	0.0005	No Relaxation
12	Polynuclear Aromatic Hydrocarbon (PAH)	mg/L	APHA 6440	BDL(DL-0.00005)	0.0001	No Relaxation
13	Bromoform	mg/L	NCL/SOP/INST/112	BDL(DL-0.01)	0.1	No Relaxation

EP-090/16/03/24-1



Checked by  
Sonu Gupta  
Sr. Analyst

Authorized Signatory  
Bhavna Sharma  
HOD (Microbiologist)

FOR NEWCON CONSULTANTS & LABORATORIES

Authorized Signatory  
Shashi Solanki  
Lab Head

- The test report refers only to the particular sample/s submitted for testing and listed parameters.
- Endorsement of the same is neither inferred nor implied.
- Laboratory shall maintain the confidentiality of all information related to the samples & test reports.
- Complaints about this report should be communicated within 10 days of the issue date of this report.
- The report is not to be produced wholly or in part without prior permission of the Managing Partner. All disputes subject to Ghazalbad Jurisdiction.



# Newcon Consultants & Laboratories

(GOVERNMENT APPROVED TESTING LABORATORIES)  
As ISO 9001 : 2015, ISO 14001 : 2015, ISO 45001 : 2018 Certified Laboratory

Page No.: 2 of 2

TEST REPORT No. NCL/EP-090/16/03/24/B

DATE OF REPORT : 28/03/2024

S.No.	Parameters	Unit	Test Method	Result	Specification /Limit As Per IS:10500, Amd. 2018	
					Desirable Limit	Permissible Limit
14	Dibromochloromethane	mg/L	NCL/SOP/INST/112	BDL(DL-0.01)	0.1	No Relaxation
15	Bromodichloromethane	mg/L	NCL/SOP/INST/112	BDL(DL-0.01)	0.06	No Relaxation
16	Chloroform	mg/L	NCL/SOP/INST/112	BDL(DL-0.01)	0.2	No Relaxation

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

Remarks : BDL=Below Detection Limit.

EP-090/16/03/24-2



*Sonu*  
Checked by  
Sonu Gupta  
Sr. Analyst

*Bhavna*  
Authorized Signatory  
Bhavna Sharma  
HOD (Microbiologist)

FOR NEWCON CONSULTANTS & LABORATORIES  
*Shashi*  
Authorized Signatory  
Shashi Solanki  
Lab Head

1. The test report refers only to the particular sample/s submitted for testing and listed parameters.
2. Endorsement of the same is neither inferred nor implied.
3. Laboratory shall maintain the confidentiality of all information related to the samples & test reports.
4. Complaints about this report should be communicated within 10 days of the issue date of this report.
5. The report is not to be produced wholly or in part without prior permission of the Managing Partner. All disputes subject to Ghazabad Jurisdiction.



# Newcon Consultants & Laboratories

(GOVERNMENT APPROVED TESTING LABORATORIES)

An ISO 9001 : 2015, ISO 14001 : 2015, ISO 45001 : 2018 Certified Laboratory



Page No.: 1 of 2

## TEST REPORT

TEST REPORT No. NCL/EP-091/16/03/24/A		ULR No.:TC1262124000000259F	DATE OF REPORT : 28/03/2024
Name and Address of Customer	M/S LALITPUR POWER GENERATION COMPANY LIMITED, Village-Mirchwara and Burogaon, Tehsil-Mahroni, Lalitpur-284123 (U.P) India		

### SAMPLING DETAILS

Sample Name	: Ground Water	Analysis End Date	: 21/03/2024
Analysis Start Date	: 16/03/2024	Sample ID No.	: NCL/EP-091/16/03/24
Date of Sampling	: 14/03/2024	Sample Receipt Date	: 16/03/2024
Time of Sampling	: 12:10 PM	Environmental Condition	: 25±2°C
Sampling Done By	: NCL	Sample Quantity	: 5+1 Ltr
Sampling Description	: Ground Water	Packing	: PVC BOTTLE
Sampling Location	: Masora, Deepohond & Others		
Sampling Protocol	: IS:17614 (P-1)		
Packing Condition	: Sealed		

### TEST RESULT

S.No.	Parameters	Unit	Test Method	Result	Specification /Limit As Per IS:10500, Amd. 2018	
					Desirable Limit	Permissible Limit
1	Colour	Hazen	IS : 3025 (P-4) Clause-4	BDL(DL-1.0)	5.0	15
2	Odour	--	IS : 3025 (P-5)	Agreeable	Agreeable	Agreeable
3	Taste	--	IS : 3025 (P-8)	Agreeable	Agreeable	Agreeable
4	Turbidity	NTU	IS : 3025 (P-10)	BDL(DL-1.0)	1.0	5
5	pH Value	--	IS : 3025 (P-11)	7.40	6.5-8.5	No Relaxation
6	Total Dissolved Solids	mg/L	IS : 3025 (P-16)	380	500	2000
7	Total Hardness (as CaCO3)	mg/L	IS : 3025 (P-21)	171	200	600
8	Calcium (as Ca)	mg/L	IS : 3025 (P-40)	53.4	75	200
9	Magnesium (as Mg)	mg/L	IS : 3025 (P-46) Clause-6	9.1	30	100
10	Total Alkalinity (as CaCO3)	mg/L	IS : 3025 (P-23)	140	200	600
11	Chloride (as Cl)	mg/L	IS : 3025 (P-32) Clause-2	97	250	1000
12	Nitrate (as NO3)	mg/L	IS : 3025 (P-34) Clause 3.3	BDL(DL-0.2)	45	No Relaxation
13	Nitrite (as NO2)	mg/L	IS : 3025 (P-34) Clause 4	BDL(DL-0.5)	Not Specified	Not Specified
14	Sulphate (as SO4)	mg/L	IS : 3025 (P-24) Sec-1 Clause-5	17	200	400
15	Sulphide (as H2S)	mg/L	IS : 3025 (P-29)	BDL(DL-0.01)	0.05	No Relaxation

EP-091/16/03/24-1



*Sonu*  
Checked by  
Sonu Gupta  
Sr. Analyst

*Bhavna Sharma*  
Authorized Signatory  
Bhavna Sharma  
HOD (Microbiologist)

FOR NEWCON CONSULTANTS & LABORATORIES

*Shashi Solanki*  
Authorized Signatory  
Shashi Solanki  
Lab Head

- The test report refers only to the particular sample/s submitted for testing and listed parameters.
- Endorsement of the same is neither inferred nor implied.
- Laboratory shall maintain the confidentiality of all information related to the samples & test reports.
- Complaints about this report should be communicated within 10 days of the issue date of this report.
- The report is not to be produced wholly or in part without prior permission of the Managing Partner. All disputes subject to Ghaziabad Jurisdiction.



# Newcon Consultants & Laboratories



(GOVERNMENT APPROVED TESTING LABORATORIES)  
An ISO 9001 : 2015, ISO 14001 : 2015, ISO 45001 : 2018 Certified Laboratory

Page No. : 2 of 2

TEST REPORT No. NCL/EP-091/16/03/24/A

ULR No.:TC1262124000000259F

DATE OF REPORT : 28/03/2024

S.No.	Parameters	Unit	Test Method	Result	Specification /Limit As Per IS:10500, Amd. 2018	
					Desirable Limit	Permissible Limit
16	Fluoride (as F)	mg/L	APHA 4500-F-D	BDL(DL-0.1)	1.0	1.5
17	Free Residual Chlorine (as Cl <sub>2</sub> )	mg/L	IS : 3025 (P-26) Clause-7	BDL(DL-0.1)	0.2	1.0
18	Chloramines (as Cl <sub>2</sub> )	mg/L	IS : 3025 (P-26) Clause-7	BDL(DL-0.1)	4.0	No Relaxation
19	Phenolic Compound (as C <sub>6</sub> H <sub>5</sub> OH)	mg/L	IS : 3025 (P-43) Sec-1 Clause-4	BDL(DL-0.0005)	0.001	0.002
20	Anionic Surfactant (as MBAS)	mg/L	IS : 3025 (P-68)	BDL(DL-0.1)	0.2	1.0
21	Iron (as Fe)	mg/L	IS : 3025 (P-65)	BDL(DL-0.01)	1.0	No Relaxation
22	Zinc (as Zn)	mg/L	IS : 3025 (P-65)	BDL(DL-0.001)	5.0	15.0
23	Boron (as B)	mg/L	IS : 3025 (P-65)	BDL(DL-0.01)	0.5	1.0
24	Nickel (as Ni)	mg/L	IS : 3025 (P-65)	BDL(DL-0.01)	0.02	No Relaxation
25	Manganese (as Mn)	mg/L	IS : 3025 (P-65)	BDL(DL-0.01)	0.1	0.3
26	Lead (as Pb)	mg/L	IS : 3025 (P-65)	BDL(DL-0.005)	0.01	No Relaxation
27	Copper (as Cu)	mg/L	IS : 3025 (P-65)	BDL(DL-0.01)	0.05	1.5
28	Chromium (as Cr)	mg/L	IS : 3025 (P-65)	BDL(DL-0.001)	0.05	No Relaxation
29	Aluminium (as Al)	mg/L	IS : 3025 (P-65)	BDL(DL-0.01)	0.03	0.2
30	E.Coli	cfu/100ml	IS : 15185	Absent	Shall not be detectable in any 100 ml	Not Specified
31	Total Coliform	cfu/100ml	IS : 15185	Absent	Shall not be detectable in any 100 ml	Not Specified

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

Remarks : BDL=Below Detection Limit.

EP-091/16/03/24-2



Checked by  
Sonu Gupta  
Sr. Analyst

Authorized Signatory  
Bhavna Sharma  
HOD (Microbiologist)

FOR NEWCON CONSULTANTS & LABORATORIES

Authorized Signatory  
Shashi Solanki  
Lab Head

1. The test report refers only to the particular sample/s submitted for testing and listed parameters.
2. Endorsement of the same is neither inferred nor implied.
3. Laboratory shall maintain the confidentiality of all information related to the samples & test reports.
4. Complaints about this report should be communicated within 10 days of the issue date of this report.
5. The report is not to be produced wholly or in part without prior permission of the Managing Partner. All disputes subject to Ghaziabad Jurisdiction.

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

Mobile : 9810430345, 9205501788 | Website : www.newconlab.in

E-mail : newconlab@gmail.com, newconlabfinance@gmail.com



# Newcon Consultants & Laboratories

(GOVERNMENT APPROVED TESTING LABORATORIES)

As ISO 9001 : 2015, ISO 14001 : 2015, ISO 45001 : 2018 Certified Laboratory

## TEST REPORT

Page No.: 1 of 2

TEST REPORT No. NCL/EP-091/16/03/24/B		DATE OF REPORT : 28/03/2024
Name and Address of Customer	M/S LALITPUR POWER GENERATION COMPANY LIMITED. Village-Mirchwara and Burogaon, Tehsil-Mahroni, Lalitpur-284123 (U.P) India	

### SAMPLING DETAILS

Sample Name	: Ground Water	Analysis End Date	: 21/03/2024
Analysis Start Date	: 16/03/2024	Sample ID No.	: NCL/EP-091/16/03/24
Date of Sampling	: 14/03/2024	Sample Receipt Date	: 16/03/2024
Time of Sampling	: 12:10 PM	Environmental Condition	: 25±2°C
Sampling Done By	: NCL	Sample Quantity	: 5+1 Ltr
Sampling Description	: Ground Water	Packing	: PVC BOTTLE
Sampling Location	: Masora, Deepohond & Others		
Sampling Protocol	: IS:17614 (P-1)		
Packing Condition	: Sealed		

### TEST RESULT

S.No.	Parameters	Unit	Test Method	Result	Specification /Limit As Per IS:10500, Amd. 2018	
					Desirable Limit	Permissible Limit
1	Cyanide (as CN)	mg/L	IS : 3025 (P-27) Sec-1 Clause-4	BDL(DL-0.02)	0.05	No Relaxation
2	Ammonia (as total Ammonia)	mg/L	IS : 3025 (P-34) Clause 2.4	BDL(DL-0.2)	0.5	No Relaxation
3	Selenium (as Se)	mg/L	IS : 3025 (P-65)	BDL(DL-0.001)	0.01	No Relaxation
4	Arsenic (as As)	mg/L	IS : 3025 (P-65)	BDL(DL-0.001)	0.01	No Relaxation
5	Cadmium (as Cd)	mg/L	IS : 3025 (P-65)	BDL(DL-0.001)	0.003	No Relaxation
6	Molybdenum (as Mo)	mg/L	IS : 3025 (P-65)	BDL(DL-0.001)	0.07	No Relaxation
7	Silver (as Ag)	mg/L	IS : 3025 (P-65)	BDL(DL-0.001)	0.1	No Relaxation
8	Barium (as Ba)	mg/L	IS : 3025 (P-65)	BDL(DL-0.001)	0.7	No Relaxation
9	Mercury (as Hg)	mg/L	IS : 3025 (P-65)	BDL(DL-0.0005)	0.001	No Relaxation
10	Mineral Oil	mg/L	IS : 3025 (P-39) Clause 6	BDL(DL-0.1)	0.5	No Relaxation
11	Poly Chlorinated Biphenyls (PCB)	mg/L	APHA 6431 B	BDL(DL-0.00005)	0.0005	No Relaxation
12	Polynuclear Aromatic Hydrocarbon (PAH)	mg/L	APHA 6440	BDL(DL-0.00005)	0.0001	No Relaxation
13	Bromoform	mg/L	NCL/SOP/INST/112	BDL(DL-0.01)	0.1	No Relaxation

EP-091/16/03/24-1



Checked by  
Sonu Gupta  
Sr. Analyst

Authorized Signatory  
Bhavna Sharma  
HOD (Microbiologist)

FOR NEWCON CONSULTANTS & LABORATORIES

Authorized Signatory  
Shashi Solanki  
Lab Head

- The test report refers only to the particular sample/s submitted for testing and listed parameters.
- Endorsement of the same is neither inferred nor implied.
- Laboratory shall maintain the confidentiality of all information related to the samples & test reports.
- Complaints about this report should be communicated within 10 days of the issue date of this report.
- The report is not to be produced wholly or in part without prior permission of the Managing Partner. All disputes subject to Ghaziabad Jurisdiction.

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

Mobile : 9810430345, 9205501788 | Website : www.newconlab.in

E-mail : newconlab@gmail.com, newconlabfinance@gmail.com





# Newcon Consultants & Laboratories

(GOVERNMENT APPROVED TESTING LABORATORIES)

An ISO 9001 : 2015, ISO 14001 : 2015, ISO 45001 : 2018 Certified Laboratory

Page No. : 2 of 2

TEST REPORT No. NCL/EP-091/16/03/24/B

DATE OF REPORT : 28/03/2024

S.No.	Parameters	Unit	Test Method	Result	Specification /Limit As Per IS:10500, Amd. 2018	
					Desirable Limit	Permissible Limit
14	Dibromochloromethane	mg/L	NCL/SOP/INST/112	BDL(DL-0.01)	0.1	No Relaxation
15	Bromodichloromethane	mg/L	NCL/SOP/INST/112	BDL(DL-0.01)	0.06	No Relaxation
16	Chloroform	mg/L	NCL/SOP/INST/112	BDL(DL-0.01)	0.2	No Relaxation

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

Remarks : BDL=Below Detection Limit.

EP-091/16/03/24-2



*Sonu*  
Checked by  
Sonu Gupta  
Sr. Analyst

*Bhavna Sharma*  
Authorized Signatory  
Bhavna Sharma  
HOD (Microbiologist)

FOR NEWCON CONSULTANTS & LABORATORIES

*Shashi Solanki*  
Authorized Signatory  
Shashi Solanki  
Lab Head

1. The test report refers only to the particular sample/s submitted for testing and listed parameters.
2. Endorsement of the same is neither inferred nor implied.
3. Laboratory shall maintain the confidentiality of all information related to the samples & test reports.
4. Complaints about this report should be communicated within 10 days of the issue date of this report.
5. The report is not to be produced wholly or in part without prior permission of the Managing Partner. All disputes subject to Ghaziabad Jurisdiction.

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

Mobile : 9810430345, 9206501788 | Website : www.newconlab.in

E-mail : newconlab@gmail.com, newconlabfinance@gmail.com



# Newcon Consultants & Laboratories

(GOVERNMENT APPROVED TESTING LABORATORIES)

An ISO 9001 : 2015, ISO 14001 : 2015, ISO 45001 : 2018 Certified Laboratory



Page No.: 1 of 2

## TEST REPORT

TEST REPORT No. NCL/EP-092/16/03/24/A		ULR No.:TC1262124000000260F	DATE OF REPORT : 28/03/2024
Name and Address of Customer	M/S LALITPUR POWER GENERATION COMPANY LIMITED. Village-Mirchwara and Burogaon, Tehsil-Mahroni, Lalitpur-284123 (U.P) India		

### SAMPLING DETAILS

Sample Name	: Ground Water	Analysis End Date	: 21/03/2024
Analysis Start Date	: 16/03/2024	Sample ID No.	: NCL/EP-092/16/03/24
Date of Sampling	: 14/03/2024	Sample Receipt Date	: 16/03/2024
Time of Sampling	: 12:20 PM	Environmental Condition	: 25±2°C
Sampling Done By	: NCL		
Sampling Description	: Ground Water		
Sampling Location	: Khokhra, Kalyan & Others		
Sampling Protocol	: IS:17614 (P-1)	Sample Quantity	: 5+1 Ltr
Packing Condition	: Sealed	Packing	: PVC BOTTLE

### TEST RESULT

S.No.	Parameters	Unit	Test Method	Result	Specification /Limit As Per IS:10500, Amd. 2018	
					Desirable Limit	Permissible Limit
1	Colour	Hazen	IS : 3025 (P-4) Clause-4	BDL(DL-1.0)	5.0	15
2	Odour	--	IS : 3025 (P-5)	Agreeable	Agreeable	Agreeable
3	Taste	--	IS : 3025 (P-8)	Agreeable	Agreeable	Agreeable
4	Turbidity	NTU	IS : 3025 (P-10)	BDL(DL-1.0)	1.0	5
5	pH Value	--	IS : 3025 (P-11)	7.20	6.5-8.5	No Relaxation
6	Total Dissolved Solids	mg/L	IS : 3025 (P-16)	360	500	2000
7	Total Hardness (as CaCO3)	mg/L	IS : 3025 (P-21)	186	200	600
8	Calcium (as Ca)	mg/L	IS : 3025 (P-40)	48.5	75	200
9	Magnesium (as Mg)	mg/L	IS : 3025 (P-46) Clause-6	15.7	30	100
10	Total Alkalinity (as CaCO3)	mg/L	IS : 3025 (P-23)	133	200	600
11	Chloride (as Cl)	mg/L	IS : 3025 (P-32) Clause-2	139	250	1000
12	Nitrate (as NO3)	mg/L	IS : 3025 (P-34) Clause 3.3	BDL(DL-0.2)	45	No Relaxation
13	Nitrite (as NO2)	mg/L	IS : 3025 (P-34) Clause 4	BDL(DL-0.5)	Not Specified	Not Specified
14	Sulphate (as SO4)	mg/L	IS : 3025 (P-24) Sec-1 Clause-5	15	200	400
15	Sulphide (as H2S)	mg/L	IS : 3025 (P-29)	BDL(DL-0.01)	0.05	No Relaxation

EP-092/16/03/24-1



Checked by  
Sonu Gupta  
Sr. Analyst

Authorized Signatory  
Bhavna Sharma  
HOD (Microbiologist)

FOR NEWCON CONSULTANTS & LABORATORIES

Authorized Signatory  
Shashi Solanki  
Lab Head

- The test report refers only to the particular sample/s submitted for testing and listed parameters.
- Endorsement of the same is neither inferred nor implied.
- Laboratory shall maintain the confidentiality of all information related to the samples & test reports.
- Complaints about this report should be communicated within 10 days of the issue date of this report.
- The report is not to be produced wholly or in part without prior permission of the Managing Partner. All disputes subject to Ghaziabad Jurisdiction.

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

Mobile : 9810430345, 9205501788 | Website : www.newconlab.in

E-mail : newconlab@gmail.com, newconlabfinance@gmail.com



# Newcon Consultants & Laboratories



(GOVERNMENT APPROVED TESTING LABORATORIES)

An ISO 9001 : 2015, ISO 14001 : 2015, ISO 45001 : 2018 Certified Laboratory

Page No.: 2 of 2

TEST REPORT No. NCL/EP-092/16/03/24/A ULR No.:TC1262124000000260F DATE OF REPORT :28/03/2024

S.No.	Parameters	Unit	Test Method	Result	Specification /Limit As Per IS:10500, Amd. 2018	
					Desirable Limit	Permissible Limit
16	Fluoride (as F)	mg/L	APHA 4500-F-D	BDL(DL-0.1)	1.0	1.5
17	Free Residual Chlorine (as Cl <sub>2</sub> )	mg/L	IS : 3025 (P-26) Clause-7	BDL(DL-0.1)	0.2	1.0
18	Chloramines (as Cl <sub>2</sub> )	mg/L	IS : 3025 (P-26) Clause-7	BDL(DL-0.1)	4.0	No Relaxation
19	Phenolic Compound (as C <sub>6</sub> H <sub>5</sub> OH)	mg/L	IS : 3025 (P-43) Sec-1 Clause-4	BDL(DL-0.0005)	0.001	0.002
20	Anionic Surfactant (as MBAS)	mg/L	IS : 3025 (P-68)	BDL(DL-0.1)	0.2	1.0
21	Iron (as Fe)	mg/L	IS : 3025 (P-65)	BDL(DL-0.01)	1.0	No Relaxation
22	Zinc (as Zn)	mg/L	IS : 3025 (P-65)	BDL(DL-0.001)	5.0	15.0
23	Boron (as B)	mg/L	IS : 3025 (P-65)	BDL(DL-0.01)	0.5	1.0
24	Nickel (as Ni)	mg/L	IS : 3025 (P-65)	BDL(DL-0.01)	0.02	No Relaxation
25	Manganese (as Mn)	mg/L	IS : 3025 (P-65)	BDL(DL-0.01)	0.1	0.3
26	Lead (as Pb)	mg/L	IS : 3025 (P-65)	BDL(DL-0.005)	0.01	No Relaxation
27	Copper (as Cu)	mg/L	IS : 3025 (P-65)	BDL(DL-0.01)	0.05	1.5
28	Chromium (as Cr)	mg/L	IS : 3025 (P-65)	BDL(DL-0.001)	0.05	No Relaxation
29	Aluminium (as Al)	mg/L	IS : 3025 (P-65)	BDL(DL-0.01)	0.03	0.2
30	E.Coli	cfu/100ml	IS : 15185	Absent	Shall not be detectable in any 100 ml	Not Specified
31	Total Coliform	cfu/100ml	IS : 15185	Absent	Shall not be detectable in any 100 ml	Not Specified

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

Remarks : BDL=Below Detection Limit.

EP-092/16/03/24-2



Checked by  
Sonu Gupta  
Sr. Analyst

Authorized Signatory  
Bhavna Sharma  
HOD (Microbiologist)

FOR NEWCON CONSULTANTS & LABORATORIES

Authorized Signatory  
Shashi Solanki  
Lab Head

1. The test report refers only to the particular sample/s submitted for testing and listed parameters.
2. Endorsement of the same is neither inferred nor implied.
3. Laboratory shall maintain the confidentiality of all information related to the samples & test reports.
4. Complaints about this report should be communicated within 30 days of the issue date of this report.
5. The report is not to be produced wholly or in part without prior permission of the Managing Partner. All disputes subject to Ghaziabad jurisdiction.

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

Mobile : 9810430345, 9205501788 | Website : www.newconlab.in

E-mail : newconlab@gmail.com, newconlabfinance@gmail.com



# Newcon Consultants & Laboratories

(GOVERNMENT APPROVED TESTING LABORATORIES)

Au ISO 9001 : 2015, ISO 14001 : 2015, ISO 45001 : 2018 Certified Laboratory

## TEST REPORT

Page No.: 1 of 2

TEST REPORT No. NCL/EP-092/16/03/24/B		DATE OF REPORT : 28/03/2024
Name and Address of Customer	M/S LALITPUR POWER GENERATION COMPANY LIMITED. Village-Mirchwara and Burogaon, Tehsil-Mahroni, Lalitpur-284123 (U.P) India	

### SAMPLING DETAILS

Sample Name	: Ground Water	Analysis End Date	: 21/03/2024
Analysis Start Date	: 16/03/2024	Sample ID No.	: NCL/EP-092/16/03/24
Date of Sampling	: 14/03/2024	Sample Receipt Date	: 16/03/2024
Time of Sampling	: 12:20 PM	Environmental Condition	: 25±2°C
Sampling Done By	: NCL		
Sampling Description	: Ground Water		
Sampling Location	: Khokhra, Kalyan & Others		
Sampling Protocol	: IS:17614 (P-1)	Sample Quantity	: 5+1 Ltr
Packing Condition	: Sealed	Packing	: PVC BOTTLE

### TEST RESULT

S.No.	Parameters	Unit	Test Method	Result	Specification /Limit As Per IS:10500, Amd. 2018	
					Desirable Limit	Permissible Limit
1	Cyanide (as CN)	mg/L	IS : 3025 (P-27) Sec-1 Clause-4	BDL(DL-0.02)	0.05	No Relaxation
2	Ammonia (as total Ammonia)	mg/L	IS : 3025 (P-34) Clause 2.4	BDL(DL-0.2)	0.5	No Relaxation
3	Selenium (as Se)	mg/L	IS : 3025 (P-65)	BDL(DL-0.001)	0.01	No Relaxation
4	Arsenic (as As)	mg/L	IS : 3025 (P-65)	BDL(DL-0.001)	0.01	No Relaxation
5	Cadmium (as Cd)	mg/L	IS : 3025 (P-65)	BDL(DL-0.001)	0.003	No Relaxation
6	Molybdenum (as Mo)	mg/L	IS : 3025 (P-65)	BDL(DL-0.001)	0.07	No Relaxation
7	Silver (as Ag)	mg/L	IS : 3025 (P-65)	BDL(DL-0.001)	0.1	No Relaxation
8	Barium (as Ba)	mg/L	IS : 3025 (P-65)	BOL(DL-0.001)	0.7	No Relaxation
9	Mercury (as Hg)	mg/L	IS : 3025 (P-65)	BDL(DL-0.0005)	0.001	No Relaxation
10	Mineral Oil	mg/L	IS : 3025 (P-39) Clause 6	BDL(DL-0.1)	0.5	No Relaxation
11	Poly Chlorinated Biphenyls (PCB)	mg/L	APHA 6431 B	BDL(DL-0.00005)	0.0005	No Relaxation
12	Polynuclear Aromatic Hydrocarbon (PAH)	mg/L	APHA 6440	BDL(DL-0.00005)	0.0001	No Relaxation
13	Bromoform	mg/L	NCL/SOP/INST/112	BDL(DL-0.01)	0.1	No Relaxation

EP-092/16/03/24-1



Checked by  
Sonu Gupta  
Sr. Analyst

Authorized Signatory  
Bhavna Sharma  
HOD (Microbiologist)

FOR NEWCON CONSULTANTS & LABORATORIES

Authorized Signatory  
Shashi Solanki  
Lab Head

- The test report refers only to the particular sample/s submitted for testing and listed parameters.
- Endorsement of the same is neither inferred nor implied.
- Laboratory shall maintain the confidentiality of all information related to the samples & test reports.
- Complaints about this report should be communicated within 10 days of the issue date of this report.
- The report is not to be produced wholly or in part without prior permission of the Managing Partner. All disputes subject to Ghaziabad Jurisdiction.

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

Mobile : 9810430345, 9205501788 | Website : www.newconlab.in

E-mail : newconlab@gmail.com, newconlabfinance@gmail.com



# Newcon Consultants & Laboratories

(GOVERNMENT APPROVED TESTING LABORATORIES)  
An ISO 9001 : 2015, ISO 14001 : 2015, ISO 45001 : 2018 Certified Laboratory

Page No.: 2 of 2

TEST REPORT No. NCL/EP-092/16/03/24/B

DATE OF REPORT : 28/03/2024

S.No.	Parameters	Unit	Test Method	Result	Specification /Limit As Per IS:10500, Amd. 2018	
					Desirable Limit	Permissible Limit
14	Dibromochloromethane	mg/L	NCL/SOP/INST/112	BDL(DL-0.01)	0.1	No Relaxation
15	Bromodichloromethane	mg/L	NCL/SOP/INST/112	BDL(DL-0.01)	0.06	No Relaxation
16	Chloroform	mg/L	NCL/SOP/INST/112	BDL(DL-0.01)	0.2	No Relaxation

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

Remarks : BDL=Below Detection Limit.

EP-092/16/03/24-2



*Sonu*  
Checked by  
Sonu Gupta  
Sr. Analyst

*Bhavna Sharma*  
Authorized Signatory  
Bhavna Sharma  
HOD (Microbiologist)

FOR NEWCON CONSULTANTS & LABORATORIES

*Shashi Solanki*  
Authorized Signatory  
Shashi Solanki  
Lab Head

1. The test report refers only to the particular sample/s submitted for testing and listed parameters.
2. Endorsement of the same is neither inferred nor implied.
3. Laboratory shall maintain the confidentiality of all information related to the samples & test reports.
4. Complaints about this report should be communicated within 10 days of the issue date of this report.
5. The report is not to be produced wholly or in part without prior permission of the Managing Partner. All disputes subject to Ghaziabad Jurisdiction.

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

Mobile : 9810430345, 9205501788 | Website : www.newconlab.in

E-mail : newconlab@gmail.com, newconlabfinance@gmail.com





# Newcon Consultants & Laboratories



(GOVERNMENT APPROVED TESTING LABORATORIES)

An ISO 9001 : 2015, ISO 14001 : 2015, ISO 45001 : 2018 Certified Laboratory

## TEST REPORT

Page No.: 1 of 2

TEST REPORT No. NCL/EP-093/16/03/24/A		ULR No.:TC1262124000000262F	DATE OF REPORT : 28/03/2024
Name and Address of Customer	M/S LALITPUR POWER GENERATION COMPANY LIMITED, Village-Mirchwara and Burogaon, Tehsil-Mahroni, Lalitpur-284123 (U.P) India		

### SAMPLING DETAILS

Sample Name : Ground Water  
 Analysis Start Date : 16/03/2024  
 Date of Sampling : 14/03/2024  
 Time of Sampling : 12:30 PM  
 Sampling Done By : NCL  
 Sampling Description : Ground Water  
 Sampling Location : Gugarwara, Monsry & Others  
 Sampling Protocol : IS:17614 (P-1)  
 Packing Condition : Sealed

Analysis End Date : 21/03/2024  
 Sample ID No. : NCL/EP-093/16/03/24  
 Sample Receipt Date : 16/03/2024  
 Environmental Condition : 25±2°C

Sample Quantity : 5+1 Ltr  
 Packing : PVC BOTTLE

### TEST RESULT

S.No.	Parameters	Unit	Test Method	Result	Specification /Limit As Per IS:10500, Amd. 2018	
					Desirable Limit	Permissible Limit
1	Colour	Hazen	IS : 3025 (P-4) Clause-4	BDL(DL-1.0)	5.0	15
2	Odour	--	IS : 3025 (P-5)	Agreeable	Agreeable	Agreeable
3	Taste	--	IS : 3025 (P-8)	Agreeable	Agreeable	Agreeable
4	Turbidity	NTU	IS : 3025 (P-10)	BDL(DL-1.0)	1.0	5
5	pH Value	--	IS : 3025 (P-11)	7.31	6.5-8.5	No Relaxation
6	Total Dissolved Solids	mg/L	IS : 3025 (P-16)	378	500	2000
7	Total Hardness (as CaCO3)	mg/L	IS : 3025 (P-21)	167	200	600
8	Calcium (as Ca)	mg/L	IS : 3025 (P-40)	43.7	75	200
9	Magnesium (as Mg)	mg/L	IS : 3025 (P-46) Clause-6	14	30	100
10	Total Alkalinity (as CaCO3)	mg/L	IS : 3025 (P-23)	152	200	600
11	Chloride (as Cl)	mg/L	IS : 3025 (P-32) Clause-2	140	250	1000
12	Nitrate (as NO3)	mg/L	IS : 3025 (P-34) Clause 3.3	BDL(DL-0.2)	45	No Relaxation
13	Nitrite (as NO2)	mg/L	IS : 3025 (P-34) Clause 4	BDL(DL-0.5)	Not Specified	Not Specified
14	Sulphate (as SO4)	mg/L	IS : 3025 (P-24) Sec-1 Clause-5	16.3	200	400
15	Sulphide (as H2S)	mg/L	IS : 3025 (P-29)	BDL(DL-0.01)	0.05	No Relaxation

EP-093/16/03/24-1



Checked by  
 Sonu Gupta  
 Sr. Analyst

Authorized Signatory  
 Bhavna Sharma  
 HOD (Microbiologist)

FOR NEWCON CONSULTANTS & LABORATORIES

Authorized Signatory  
 Shashi Solanki  
 Lab Head

- The test report refers only to the particular sample/s submitted for testing and listed parameters.
- Endorsement of the same is neither inferred nor implied.
- Laboratory shall maintain the confidentiality of all information related to the samples & test reports.
- Complaints about this report should be communicated within 10 days of the issue date of this report.
- The report is not to be produced wholly or in part without prior permission of the Managing Partner. All disputes subject to Ghaziabad Jurisdiction.



# Newcon Consultants & Laboratories

(GOVERNMENT APPROVED TESTING LABORATORIES)

An ISO 9001 : 2015, ISO 14001 : 2015, ISO 45001 : 2018 Certified Laboratory



Page No.: 2 of 2

TEST REPORT No. NCL/EP-093/16/03/24/A

ULR No.:TC1262124000000262F

DATE OF REPORT : 28/03/2024

S.No.	Parameters	Unit	Test Method	Result	Specification /Limit As Per IS:10500, Amd. 2018	
					Desirable Limit	Permissible Limit
16	Fluoride (as F)	mg/L	APHA 4500-F-D	BDL(DL-0.1)	1.0	1.5
17	Free Residual Chlorine (as Cl <sub>2</sub> )	mg/L	IS : 3025 (P-26) Clause-7	BDL(DL-0.1)	0.2	1.0
18	Chloramines (as Cl <sub>2</sub> )	mg/L	IS : 3025 (P-26) Clause-7	BDL(DL-0.1)	4.0	No Relaxation
19	Phenolic Compound (as C <sub>6</sub> H <sub>5</sub> OH)	mg/L	IS : 3025 (P-43) Sec-1 Clause-4	BDL(DL-0.0005)	0.001	0.002
20	Anionic Surfactant (as MBAS)	mg/L	IS : 3025 (P-68)	BDL(DL-0.1)	0.2	1.0
21	Iron (as Fe)	mg/L	IS : 3025 (P-65)	BDL(DL-0.01)	1.0	No Relaxation
22	Zinc (as Zn)	mg/L	IS : 3025 (P-65)	BDL(DL-0.001)	5.0	15.0
23	Boron (as B)	mg/L	IS : 3025 (P-65)	BDL(DL-0.01)	0.5	1.0
24	Nickel (as Ni)	mg/L	IS : 3025 (P-65)	BDL(DL-0.01)	0.02	No Relaxation
25	Manganese (as Mn)	mg/L	IS : 3025 (P-65)	BDL(DL-0.01)	0.1	0.3
26	Lead (as Pb)	mg/L	IS : 3025 (P-65)	BDL(DL-0.005)	0.01	No Relaxation
27	Copper (as Cu)	mg/L	IS : 3025 (P-65)	BDL(DL-0.01)	0.05	1.5
28	Chromium (as Cr)	mg/L	IS : 3025 (P-65)	BDL(DL-0.001)	0.05	No Relaxation
29	Aluminium (as Al)	mg/L	IS : 3025 (P-65)	BDL(DL-0.01)	0.03	0.2
30	E.Coli	cfu/100ml	IS : 15185	Absent	Shall not be detectable in any 100 ml	Not Specified
31	Total Coliform	cfu/100ml	IS : 15185	Absent	Shall not be detectable in any 100 ml	Not Specified

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

Remarks : BDL=Below Detection Limit.

EP-093/16/03/24-2



Checked by  
Sonu Gupta  
Sr. Analyst

Authorized Signatory  
Bhavna Sharma  
HOD (Microbiologist)

FOR NEWCON CONSULTANTS & LABORATORIES

Authorized Signatory  
Shashi Solanki  
Lab Head

1. The test report refers only to the particular sample/s submitted for testing and listed parameters.
2. Endorsement of the same is neither inferred nor implied.
3. Laboratory shall maintain the confidentiality of all information related to the samples & test reports.
4. Complaints about this report should be communicated within 10 days of the issue date of this report.
5. The report is not to be produced wholly or in part without prior permission of the Managing Partner. All disputes subject to Ghaziabad Jurisdiction.

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

Mobile : 9810430345, 9205501788 | Website : www.newconlab.in

E-mail : newconlab@gmail.com, newconlabfinance@gmail.com



# Newcon Consultants & Laboratories

(GOVERNMENT APPROVED TESTING LABORATORIES)  
An ISO 9001 : 2015, ISO 14001 : 2015, ISO 45001 : 2018 Certified Laboratory

## TEST REPORT

Page No.: 1 of 2

TEST REPORT No. NCL/EP-093/16/03/24/B		DATE OF REPORT : 28/03/2024
Name and Address of Customer	M/S LALITPUR POWER GENERATION COMPANY LIMITED, Village-Mirchwara and Burogaon, Tehsil-Mahroni, Lalitpur-284123 (U.P) India	

### SAMPLING DETAILS

Sample Name	: Ground Water	Analysis End Date	: 21/03/2024
Analysis Start Date	: 16/03/2024	Sample ID No.	: NCL/EP-093/16/03/24
Date of Sampling	: 14/03/2024	Sample Receipt Date	: 16/03/2024
Time of Sampling	: 12:30 PM	Environmental Condition	: 25±2°C
Sampling Done By	: NCL		
Sampling Description	: Ground Water		
Sampling Location	: Gugarwara, Monsry & Others		
Sampling Protocol	: IS:17614 (P-1)	Sample Quantity	: 5+1 Ltr
Packing Condition	: Sealed	Packing	: PVC BOTTLE

### TEST RESULT

S.No.	Parameters	Unit	Test Method	Result	Specification /Limit As Per IS:10500, Amd. 2018	
					Desirable Limit	Permissible Limit
1	Cyanide (as CN)	mg/L	IS : 3025 (P-27) Sec-1 Clause-4	BDL(DL-0.02)	0.05	No Relaxation
2	Ammonia (as total Ammonia)	mg/L	IS : 3025 (P-34) Clause 2.4	BDL(DL-0.2)	0.5	No Relaxation
3	Selenium (as Se)	mg/L	IS : 3025 (P-65)	BDL(DL-0.001)	0.01	No Relaxation
4	Arsenic (as As)	mg/L	IS : 3025 (P-65)	BDL(DL-0.001)	0.01	No Relaxation
5	Cadmium (as Cd)	mg/L	IS : 3025 (P-65)	BDL(DL-0.001)	0.003	No Relaxation
6	Molybdenum (as Mo)	mg/L	IS : 3025 (P-65)	BDL(DL-0.001)	0.07	No Relaxation
7	Silver (as Ag)	mg/L	IS : 3025 (P-65)	BDL(DL-0.001)	0.1	No Relaxation
8	Barium (as Ba)	mg/L	IS : 3025 (P-65)	BDL(DL-0.001)	0.7	No Relaxation
9	Mercury (as Hg)	mg/L	IS : 3025 (P-65)	BDL(DL-0.0005)	0.001	No Relaxation
10	Mineral Oil	mg/L	IS : 3025 (P-39) Clause 6	BDL(DL-0.1)	0.5	No Relaxation
11	Poly Chlorinated Biphenyls (PCB)	mg/L	APHA 8431 B	BDL(DL-0.00005)	0.0005	No Relaxation
12	Polynuclear Aromatic Hydrocarbon (PAH)	mg/L	APHA 8440	BDL(DL-0.00005)	0.0001	No Relaxation
13	Bromoform	mg/L	NCL/SOP/INST/112	BDL(DL-0.01)	0.1	No Relaxation

EP-093/16/03/24-1



Checked by  
Sonu Gupta  
Sr. Analyst

Authorized Signatory  
Bhavna Sharma  
HOD (Microbiologist)

FOR NEWCON CONSULTANTS & LABORATORIES

Authorized Signatory  
Shashi Solanki  
Lab Head

1. The test report refers only to the particular sample/s submitted for testing and listed parameters.
2. Endorsement of the same is neither inferred nor implied.
3. Laboratory shall maintain the confidentiality of all information related to the samples & test reports.
4. Complaints about this report should be communicated within 10 days of the issue date of this report.
5. The report is not to be produced wholly or in part without prior permission of the Managing Partner, All disputes subject to Ghaziabad Jurisdiction.



# Newcon Consultants & Laboratories

(GOVERNMENT APPROVED TESTING LABORATORIES)  
An ISO 9001 : 2015, ISO 14001 : 2015, ISO 45001 : 2018 Certified Laboratory

Page No. : 2 of 2

TEST REPORT No. NCL/EP-093/16/03/24/B

DATE OF REPORT : 28/03/2024

S.No.	Parameters	Unit	Test Method	Result	Specification /Limit As Per IS:10500, Amd. 2018	
					Desirable Limit	Permissible Limit
14	Dibromochloromethane	mg/L	NCL/SOP/INST/112	BDL(DL-0.01)	0.1	No Relaxation
15	Bromodichloromethane	mg/L	NCL/SOP/INST/112	BDL(DL-0.01)	0.06	No Relaxation
18	Chloroform	mg/L	NCL/SOP/INST/112	BDL(DL-0.01)	0.2	No Relaxation

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

Remarks : BDL=Below Detection Limit.

EP-093/16/03/24-2



*Sonu*  
Checked by  
Sonu Gupta  
Sr. Analyst

*Bhavna Sharma*  
Authorized Signatory  
Bhavna Sharma  
HOD (Microbiologist)

FOR NEWCON CONSULTANTS & LABORATORIES

*Shashi Solanki*  
Authorized Signatory  
Shashi Solanki  
Lab Head

1. The test report refers only to the particular sample/s submitted for testing and listed parameters.
2. Endorsement of the same is neither inferred nor implied.
3. Laboratory shall maintain the confidentiality of all information related to the samples & test reports.
4. Complaints about this report should be communicated within 30 days of the issue date of this report.
5. The report is not to be produced wholly or in part without prior permission of the Managing Partner. All disputes subject to Ghaziabad Jurisdiction.



# Newcon Consultants & Laboratories



(GOVERNMENT APPROVED TESTING LABORATORIES)

An ISO 9001 : 2015, ISO 14001 : 2015, ISO 45001 : 2018 Certified Laboratory

## TEST REPORT

Page No.: 1 of 2

TEST REPORT No. NCL/EP-096/16/03/24/A		ULR No.:TC1262124000000263F	DATE OF REPORT : 28/03/2024
Name and Address of Customer	M/S LALITPUR POWER GENERATION COMPANY LIMITED. Village-Mirchwara and Burogaon, Tehsil-Mahroni, Lalitpur-284123 (U.P) India		

### SAMPLING DETAILS

Sample Name	: Ground Water	Analysis End Date	: 21/03/2024
Analysis Start Date	: 16/03/2024	Sample ID No.	: NCL/EP-096/16/03/24
Date of Sampling	: 14/03/2024	Sample Receipt Date	: 16/03/2024
Time of Sampling	: 12:40 PM	Environmental Condition	: 25±2°C
Sampling Done By	: NCL	Sample Quantity	: 5+1 Ltr
Sampling Description	: Ground Water	Packing	: PVC BOTTLE
Sampling Location	: Mirchwara (Lalitpur) Santroni & Others		
Sampling Protocol	: IS:17614 (P-1)		
Packing Condition	: Sealed		

### TEST RESULT

S.No.	Parameters	Unit	Test Method	Result	Specification /Limit As Per IS:10500, Amd. 2018	
					Desirable Limit	Permissible Limit
1	Colour	Hazen	IS : 3025 (P-4) Clause-4	BDL(DL-1.0)	5.0	15
2	Odour	--	IS : 3025 (P-5)	Agreeable	Agreeable	Agreeable
3	Taste	--	IS : 3025 (P-8)	Agreeable	Agreeable	Agreeable
4	Turbidity	NTU	IS : 3025 (P-10)	BDL(DL-1.0)	1.0	5
5	pH Value	--	IS : 3025 (P-11)	7.16	6.5-8.5	No Relaxation
6	Total Dissolved Solids	mg/L	IS : 3025 (P-16)	355	500	2000
7	Total Hardness (as CaCO <sub>3</sub> )	mg/L	IS : 3025 (P-21)	194	200	600
8	Calcium (as Ca)	mg/L	IS : 3025 (P-40)	55	75	200
9	Magnesium (as Mg)	mg/L	IS : 3025 (P-46) Clause-6	13.7	30	100
10	Total Alkalinity (as CaCO <sub>3</sub> )	mg/L	IS : 3025 (P-23)	138	200	600
11	Chloride (as Cl)	mg/L	IS : 3025 (P-32) Clause-2	149	250	1000
12	Nitrate (as NO <sub>3</sub> )	mg/L	IS : 3025 (P-34) Clause 3.3	BDL(DL-0.2)	45	No Relaxation
13	Nitrite (as NO <sub>2</sub> )	mg/L	IS : 3025 (P-34) Clause 4	BDL(DL-0.5)	Not Specified	Not Specified
14	Sulphate (as SO <sub>4</sub> )	mg/L	IS : 3025 (P-24) Sec-1 Clause-5	13.8	200	400
15	Sulphide (as H <sub>2</sub> S)	mg/L	IS : 3025 (P-29)	BDL(DL-0.01)	0.05	No Relaxation

EP-096/16/03/24-1



*Sonu*  
Checked by  
Sonu Gupta  
Sr. Analyst

*Bhavna Sharma*  
Authorized Signatory  
Bhavna Sharma  
HOD (Microbiologist)

FOR NEWCON CONSULTANTS & LABORATORIES

*Shashi Solanki*  
Authorized Signatory  
Shashi Solanki  
Lab Head

- The test report refers only to the particular sample/s submitted for testing and listed parameters.
- Endorsement of the same is neither inferred nor implied.
- Laboratory shall maintain the confidentiality of all information related to the samples & test reports.
- Complaints about this report should be communicated within 10 days of the issue date of this report.
- The report is not to be produced wholly or in part without prior permission of the Managing Partner. All disputes subject to Ghaziabad Jurisdiction.

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

Mobile : 9810430345, 9205501788 | Website : www.newconlab.in

E-mail : newconlab@gmail.com, newconlabfinance@gmail.com





# Newcon Consultants & Laboratories

(GOVERNMENT APPROVED TESTING LABORATORIES)  
An ISO 9001 : 2015, ISO 14001 : 2015, ISO 45001 : 2018 Certified Laboratory

## TEST REPORT

Page No. : 1 of 2

TEST REPORT No. NCL/EP-096/16/03/24/B		DATE OF REPORT : 28/03/2024
Name and Address of Customer	M/S LALITPUR POWER GENERATION COMPANY LIMITED, Village-Mirchwara and Burogaon, Tehsil-Mahroni, Lalitpur-284123 (U.P) India	

### SAMPLING DETAILS

Sample Name	: Ground Water	Analysis End Date	: 21/03/2024
Analysis Start Date	: 16/03/2024	Sample ID No.	: NCL/EP-096/16/03/24
Date of Sampling	: 14/03/2024	Sample Receipt Date	: 16/03/2024
Time of Sampling	: 12:40 PM	Environmental Condition	: 25±2°C
Sampling Done By	: NCL	Sample Quantity	: 5+1 Ltr
Sampling Description	: Ground Water	Packing	: PVC BOTTLE
Sampling Location	: Mirchwara (Lalitpur) Santroni & Others		
Sampling Protocol	: IS:17614 (P-1)		
Packing Condition	: Sealed		

### TEST RESULT

S.No.	Parameters	Unit	Test Method	Result	Specification /Limit As Per IS:10500, Amd. 2018	
					Desirable Limit	Permissible Limit
1	Cyanide (as CN)	mg/L	IS : 3025 (P-27) Sec-1 Clause-4	BDL(DL-0.02)	0.05	No Relaxation
2	Ammonia (as total Ammonia)	mg/L	IS : 3025 (P-34) Clause 2.4	BDL(DL-0.2)	0.5	No Relaxation
3	Selenium (as Se)	mg/L	IS : 3025 (P-65)	BDL(DL-0.001)	0.01	No Relaxation
4	Arsenic (as As)	mg/L	IS : 3025 (P-65)	BDL(DL-0.001)	0.01	No Relaxation
5	Cadmium (as Cd)	mg/L	IS : 3025 (P-65)	BDL(DL-0.001)	0.003	No Relaxation
6	Molybdenum (as Mo)	mg/L	IS : 3025 (P-65)	BDL(DL-0.001)	0.07	No Relaxation
7	Silver (as Ag)	mg/L	IS : 3025 (P-65)	BDL(DL-0.001)	0.1	No Relaxation
8	Barium (as Ba)	mg/L	IS : 3025 (P-65)	BDL(DL-0.001)	0.7	No Relaxation
9	Mercury (as Hg)	mg/L	IS : 3025 (P-65)	BDL(DL-0.0005)	0.001	No Relaxation
10	Mineral Oil	mg/L	IS : 3025 (P-39) Clause 6	BDL(DL-0.1)	0.5	No Relaxation
11	Poly Chlorinated Biphenyls (PCB)	mg/L	APHA 6431 B	BDL(DL-0.0000 5)	0.0005	No Relaxation
12	Polynuclear Aromatic Hydrocarbon (PAH)	mg/L	APHA 6440	BDL(DL-0.0000 5)	0.0001	No Relaxation
13	Bromoform	mg/L	NCL/SOP/INST/112	BDL(DL-0.01)	0.1	No Relaxation

EP-096/16/03/24-1



Checked by  
Sonu Gupta  
Sr. Analyst

Authorized Signatory  
Bhavna Sharma  
HOD (Microbiologist)

FOR NEWCON CONSULTANTS & LABORATORIES

Authorized Signatory  
Shashi Solanki  
Lab Head

- The test report refers only to the particular sample/s submitted for testing and listed parameters.
- Endorsement of the same is neither inferred nor implied.
- Laboratory shall maintain the confidentiality of all information related to the samples & test reports.
- Complaints about this report should be communicated within 10 days of the issue date of this report.
- The report is not to be produced wholly or in part without prior permission of the Managing Partner. All disputes subject to Ghaziabad Jurisdiction.

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

Mobile : 9810430345, 9205501788 | Website : www.newconlab.in

E-mail : newconlab@gmail.com, newconlabfinance@gmail.com



# Newcon Consultants & Laboratories

(GOVERNMENT APPROVED TESTING LABORATORIES)

As ISO 9001 : 2015, ISO 14001 : 2015, ISO 45001 : 2018 Certified Laboratory

Page No.: 2 of 2

TEST REPORT No. NCL/EP-096/16/03/24/B

DATE OF REPORT : 28/03/2024

S.No.	Parameters	Unit	Test Method	Result	Specification /Limit As Per IS:10500, Amd. 2018	
					Desirable Limit	Permissible Limit
14	Dibromochloromethane	mg/L	NCL/SOP/INST/112	BDL(DL-0.01)	0.1	No Relaxation
15	Bromodichloromethane	mg/L	NCL/SOP/INST/112	BDL(DL-0.01)	0.06	No Relaxation
16	Chloroform	mg/L	NCL/SOP/INST/112	BDL(DL-0.01)	0.2	No Relaxation

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

Remarks : BDL-Below Detection Limit.

EP-096/16/03/24-2



*Sonu*  
Checked by  
Sonu Gupta  
Sr. Analyst

*Bhavna Sharma*  
Authorized Signatory  
Bhavna Sharma  
HOD (Microbiologist)

FOR NEWCON CONSULTANTS & LABORATORIES

*Shashi Solanki*  
Authorized Signatory  
Shashi Solanki  
Lab Head

1. The test report refers only to the particular sample/s submitted for testing and listed parameters.
2. Endorsement of the same is neither inferred nor implied.
3. Laboratory shall maintain the confidentiality of all information related to the samples & test reports.
4. Complaints about this report should be communicated within 30 days of the issue date of this report.
5. The report is not to be produced wholly or in part without prior permission of the Managing Partner. All disputes subject to Ghaziabad Jurisdiction.

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

Mobile : 9810430345, 9205501788 | Website : www.newconlab.in

E-mail : newconlab@gmail.com, newconlabfinance@gmail.com