



# Newcon Consultants & Laboratories

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



TC-12621

## TEST REPORT

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TEST REPORT No. NCL/EP-040/16/03/24		DATE OF REPORT : 21/03/2024
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	: Surface Water	Analysis End Date	: 21/03/2024
Analysis Start Date	: 16/03/2024	Sample ID No.	: NCL/EP-040/16/03/24
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	Sample Quantity	: 2 Ltr
Sampling Description	: Surface Water	Packing	: PVC BOTTLE
Sampling Location	: Uttari River (Near Village Udaipura)		
Sampling Protocol	: IS:17614 (P-1)		
Packing Condition	: Sealed		

### TEST RESULT

S.No.	Parameters	Unit	Test Method	Result
1	pH Value	--	IS : 3025 (P-11)	7.70
2	Total Dissolved Solids	mg/L	IS : 3025 (P-16)	258
3	Total Suspended Solids	mg/L	IS : 3025 (P-17)	15
4	Chemical Oxygen Demand (COD)	mg/L	IS : 3025 (P-58)	20
5	Biochemical Oxygen Demand (BOD)	mg/L	IS : 3025 (P-44)	5
6	Iron (as Fe)	mg/L	IS : 3025 (P-65)	0.18
7	Manganese (as Mn)	mg/L	IS : 3025 (P-65)	0.23
8	Lead (as Pb)	mg/L	IS : 3025 (P-65)	BDL(DL-0.01)
9	Arsenic (as As)	mg/L	IS : 3025 (P-65)	BDL(DL-0.01)
10	Cadmium (as Cd)	mg/L	IS : 3025 (P-65)	BDL(DL-0.01)
11	Copper (as Cu)	mg/L	IS : 3025 (P-65)	0.042
12	Chromium (as Cr)	mg/L	IS : 3025 (P-65)	BDL(DL-0.05)
13	Mercury (as Hg)	mg/L	IS : 3025 (P-65)	BDL(DL-0.001)
14	Oil & Grease	mg/L	APHA-5520 24TH EDITION	BDL(DL-1.0)

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

Remarks : BDL=Below Detection Limit.

EP-040/16/03/24-1



Checked by  
Soni Gupta  
Sr. Analyst

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.



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Page No. : 1 of 1

## TEST REPORT

TEST REPORT No. NCL/EP-041/16/03/24		DATE OF REPORT : 21/03/2024
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	: Surface Water	Analysis End Date	: 21/03/2024
Analysis Start Date	: 16/03/2024	Sample ID No.	: NCL/EP-041/16/03/24
Date of Sampling	: 14/03/2024	Sample Receipt Date	: 16/03/2024
Time of Sampling	: 01:50 PM	Environmental Condition	: 25±2°C
Sampling Done By	: NCL	Sample Quantity	: 2 Ltr
Sampling Description	: Surface Water	Packing	: PVC BOTTLE
Sampling Location	: Sajnam River (Near Village Semara)		
Sampling Protocol	: IS:17614 (P-1)		
Packing Condition	: Sealed		

### TEST RESULT

S.No.	Parameters	Unit	Test Method	Result
1	pH Value	--	IS : 3025 (P-11)	8.06
2	Total Dissolved Solids	mg/L	IS : 3025 (P-16)	167
3	Total Suspended Solids	mg/L	IS : 3025 (P-17)	14
4	Chemical Oxygen Demand (COD)	mg/L	IS : 3025 (P-58)	16
5	Biochemical Oxygen Demand (BOD)	mg/L	IS : 3025 (P-44)	3
6	Iron (as Fe)	mg/L	IS : 3025 (P-65)	0.20
7	Manganese (as Mn)	mg/L	IS : 3025 (P-65)	0.012
8	Lead (as Pb)	mg/L	IS : 3025 (P-65)	BDL(DL-0.01)
9	Arsenic (as As)	mg/L	IS : 3025 (P-65)	BDL(DL-0.01)
10	Dissolved Oxygen	mg/L	IS : 3025 (P-38)	6.5
11	Copper (as Cu)	mg/L	IS : 3025 (P-65)	0.040
12	Chromium (as Cr)	mg/L	IS : 3025 (P-65)	BDL(DL-0.05)
13	Mercury (as Hg)	mg/L	IS : 3025 (P-65)	BDL(DL-0.001)
14	Oil & Grease	mg/L	APHA-5520 24TH EDITION	BDL(DL-1.0)

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

Remarks : BDL=Below Detection Limit.

EP-041/16/03/24-1



Checked by  
Sonu Gupta  
Sr. Analyst

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Authorized Signatory  
Shashi Solanki  
Lab Head

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