

An ISO 9001:2015 & 45001:2018 (OHSAS) Certified Laboratory

MoEF & CC (Ministry of Environment, Forest & Climate Change), UPPCB & HSPCB Recognized Laboratory +91-9313611642, 8510081921, 7503031145, 8527870572, 7503031146, 9999794369

TEST CERTIFICATE

21/03/202	850 CCEUVI III	
Date of Issue	Report Code	Test Report of

Address: Issued To: M/s Lalitpur Power Generation Company Limited

Village- Mirchwara and Burogaon, Tehsil- Mahroni, Lalitpur-284123 (U.P) India

SAMPLING & ANALYSIS DATA

Mr. Deepak Sharma (NTL)

14/03/2022

10/03/2022

Sample Drawn By Sample Drawn on

Sample Received On

Sample Quantity

Analysis Duration

Sample Description

14/03/2022 to 21/03/2022

Drinking water Collected from Plant Canteen

S.No. Parameter Test Method Results Requirements as per IS-10500:2012
1 Fscherichia coli IS-15185 Absent Absent/100ml
Coliform Bacteria IS-15185 Absent Absent/100ml

ORGANOLEPTIC & PHYSICAL PARAMETERS

S.No.	GENERA	6.	5.	4.	'n	2.	г	S.No.
Parameter	GENERAL PARAMETERS CONCERNING SUBSTANCES UNDESIRABLE IN EXCESSIVE AMOUNTS	Total dissolve solid (TDS)	pH value	Turbidity	Taste	Odour	Colour	Parameter
Test method	ERNING SUBSTAI	IS-3025(P-16)	IS-3025(P-11)	IS-3025(P-10)	IS-3025(P-07 & 08)	IS-3025(P-05)	IS-3025(P-04)	Test Method
Result Ur	NCES UNDES	86.0	6.72	<1.00	Agreeable	Agreeable	<1.00	Result
Unit Requi	IRABLE IN	mg/l	1	UTU	,		Hazen Unit	Unit
(Acceptable Limit)	EXCESSIVE /	500	6.5 - 6.5		Agreeable	Agreeable	5	Requirement (Acceptable Limit)
in absence of alternate source	AMOUNIS	2000		0	(6)	Agreeable	15	Permissible Limit in absence of alternate source

Laboratory: GT-20, Sector-117, Noida Gautam Budh Nagar - 201301 Branch Office

Anionic Detergents

Annex K of IS-IS: 3025 (P-34) IS: 3025 (P-55)

< 0.10 < 0.10 < 0.01

mg/l mg/l mg/l

0.03 0.5

No Relaxation

1.0

13428

15302

(as MBAS)

Aluminium (as Al) Total Ammonia

Calcium (as Ca) Boron (as B) Barium (as Ba)

IS: 3025 (P-40) IS: 3025 (P-57)

34.26

< 0.10 <0.10

mg/I

mg/l

0.7 0.5

No Relaxation

200

: noida.laboratory@gmail.com, HARIDWAR | RUDRAPUR | CHANDIGARH | DEHRADUN | PUNE info@noidalabs.com W.: www. noidalabs.com



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		(t	IS: 3042 (F-42)	Phenolic Compound as	22.
0.002	0.001	mg/l	BDL	IS: 3025 (1-45)	Zinc (as Zn)	21.
15	5.0	1/2m	<u>A</u> .	16. 2025 (D_ 40)	CaCO ₃)	
		ď	00.0	IS: 3020 (P- 20)	Total Hardness (as	20.
600	200	me/l	0.89	IS: 3025 (P- 23)	Alkalinity (as Ca CO ₃)	19.
600	200	mg/l	710	IS-3025 (F-23)	Sulphide (as H ₂ S)	00
No Kelaxanon	0.05	mg/l	RDI.	(0, 0) 500 (iii	Sulphate (as SO ₄)	17.
400	200	mg/l	2.58	Alliex J 10, 10, 20	Silver (as Ag)	16.
No Kelaxation	0.1	mg/l	BDL	10, 5025 (1 50)	Selenium (as Se)	15.
No Relaxation	0.01	mg/l	BDL	10: 2025 (P_ 56)	Nitrate (as NO ₃)	14.
No Relaxation	45	mg/l	<1.0	Ciguse 30 or 10 Const	Manganese (as Mn)	13.
0.5	0.1	mg/l	6	10. 3025 (1 10)	Magnesium (as Mg)	12.
00I	30	mg/l	4.27	10. 3025 (D.A6)	Iron (as Fe)	Ξ
No Relaxation	1.0	mg/l	<0.05	IS: 3023 (F-20)	Free Residual Chlorine	10.
1.0	0.2	mg/l	BDL	IS: 3025 (P-00)	Fluoride (as F)	.0
1.5	1.0	mg/l	A) :	IS: 3025 (F-34)	Chloride (as Cl)	00
1000	250	mg/l	8.61	IS: 3025 (P-20)	Chloramines (as Cl ₂)	
NO KEISKSHOU	4.0	mg/l	^i 00	(3c a) 3coc a:		

8 Poly chlorinated biphenyl	Tiyuto caroo	Livideo Carbons	7 Poly nuclear Aromatic	Nickel (as Ni)	 Molybdenum (Mo) 	 Mercury (as Hg) 	Lead (as Pb)	Cyanide (as CN)	 Cadmium (as Cd) 					S No Parameter	
Total Arsenic (as As) IS-3023(F-37)	+		Aromatic APHA 6440	IS-3025(P-54			8 d 35000 31			16 2005(P_41)				eter Test method	
	+	70,000	6440 <0.0001		1	-				<0.001				hod Result	
mo/l	mg/l	mø/l	mg/1	2.0	mo/l	mg/l	mg/l	mg/l	mg/l	mg/l				Unit	
0.05	0.01	0.0005	0.0001	0.0001	0.02	0.07	0.001	0.01	0.05	0.003		,	(Jimit)	(Acceptable	-
No Relaxation	No Relaxation	No Relaxation		No Relaxation	No Relaxation	No Relaxation	No Relaxation	No Relaxation	No Relaxation	No Relaxation	source	alternate	absence of	Limit in	Permissible

Remarks: Based on above tested parameter, Water sample meet as per IS-10500:2012 specification. Water is fit for

drinking purpose.

Notes:

1. The results given above are related to the tested sample, as received & mentioned parameters. The customer asked for the above tests only.

- Responsibility of the Laboratory is limited to the invoiced amount only.
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CHECKED BY K. V.K





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21/03/2022	W-140322-059	Drinking water
Date of Issue	Report Code	Test Report of

Issued To: M/s Lalitpur Power Generation Company Limited

Address: Village- Mirchwara and Burogaon, Tehsil- Mahroni, Lalitpur-284123 (U.P)

India

SAMPLING & ANALYSIS DATA

Sample Drawn By Sample Drawn on

Sample Received On

Sample Quantity

Analysis Duration

Sample Description

10/03/2022

Mr. Deepak Sharma (NTL)

14/03/2022

2.0 Lt.

14/03/2022 to 21/03/2022 Drinking water Collected from Hostel Canteen

S.No. Coliform Bacteria Escherichia coli Parameter MICROBIOLOGICAL REQUIREMENT RESULT Test Method IS-15185 IS-15185 Absent Results Absent per IS-10500:2012 Requirements as Absent/100ml Absent/100ml

ORGANOLEPTIC & PHYSICAL PARAMETERS

4. Turbidity 5. pH value			3. Taste	2. Odour	1. Colour	S.No. Parameter
IS-3025(P-11)		IS-3025(P-10)	IS-3025(P-07 & 08)	IS-3025(P-05)	IS-3025(P-04)	Test Method
The second secon	6.86	<1.00	Agreeable	Agreeable	<1.00	Result
l/out	î	DIN	i	1	Hazen Unit	Unit
500	6.5 - 8.5	-	Agreeable	Agreeable	O,	(Acceptable Limit)
2000	,	5	ė	Agreeable	15	Limit in absence of alternate source

10: 3025 (P-34) <0 10
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Dan Otto

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	22.	21.		20.	19.	18.	17.	16.	15.	14.	13.	12.	11.	10.	9.	00	7.
(C ₆ H ₅ OH)	Phenolic Compound as	Zinc (as Zn)	CaCO ₃)	Total Hardness (as	Alkalinity (as Ca CO ₃)	Sulphide (as H ₂ S)	Sulphate (as SO ₄)	Silver (as Ag)	Selenium (as Se)	Nitrate (as NO ₃)	Manganese (as Mn)	Magnesium (as Mg)	Iron (as Fe)	Free Residual Chlorine	Fluoride (as F)	Chloride (as Cl)	Chloramines (as Cl ₂)
	IS: 3025 (P-43)	IS: 3025 (P-49)		IS: 3025 (P-23)	IS: 3025 (P-23)	IS-3025 (P-29)	IS: 3025 (P-24)	Annex J IS: 13428	IS: 3025 (P- 56)	IS: 3025 (P- 34)	Clause 35 of IS 3025	IS: 3025 (P-46)	IS: 3025(P-53)	IS: 3025 (P-26)	IS: 3025 (P-60)	IS: 3025 (P-32)	IS: 3025 (P-26)
	BDL	<0.1		82.0	89.0	BDL	4.56	BDL	BDL	<1.0	<0.1	11.24	<0.05	BDL	6.1	15.6	<1.00
	mg/l	mg/l		mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/I	mg/l	mg/l	mg/l	mg/l
	0.001	6.0		200	200	0.05	200	0.1	0.01	45	0.1	30	1.0	0.2	1.0	250	4.0
	0.002	15		600	600	No Relaxation	400	No Relaxation	No Relaxation	No Relaxation	0.3	100	No Relaxation	1.0	1.5	1000	No Relaxation

S.No.	Parameter Cadmium (as Cd) Cyanide (as CW)	Test method IS-3025(P-41) IS-3025(P-27)	Result		mg/l mg/l
	Cadmium (as Cd) Cyanide (as CN)	IS-3025(P-41) IS-3025(P-27)	<0.00	1 21	
Î	Lead (as Pb)	IS-3025(P-47)	<0.01		
4	Mercury (as Hg)	IS-3025(P-48)	<0.001	1	50 15-01
6.	Nickel (as Ni)	IS-3025(P-54)	<0.01	_	mg/l
7.	Poly nuclear Aromatic Hydro Carbons	APHA 6440	<0.0001	1)1 mg/1
00	Poly chlorinated biphenyl	APHA 6630	< 0.000	2)1 mg/l
9.	Total Arsenic (as As)	IS-3025(P-37)	< 0.01		mg/l
10.	Total Chromium (as Cr)	IS-3025(P-52)	<0.05		mg/l

BDL: Below Detection limit.

drinking purpose. Remarks: Based on above tested parameter, Water sample meet as per IS-10500:2012 specification. Water is fit for

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