



HDD-272, Phase III - Near JP Chowk
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Recognized by Ministry of Environment Forest and Climate Change under EP act 1996

<i>Name & Address Of The Customer</i>		REPORT NO.	UES/TR/22-23/05366	
To, SHRI BAJRANG POWER & ISPAT LTD. VILL: TANDAWA & KUNDRU, DHARSIWA -TILDA ROAD , TEHSIL -TILDA, RAIPUR(C.G.)		LAB REF NO.	UES/22-23/W/012067	
		DATE OF SAMPLING	10/11/2022	
		DATE OF RECEIPT	11/11/2022	
		DATE OF REPORT	15/11/2022	
		DATE OF ANALYSIS	START: 11/11/2022	END: 15/11/2022
SAMPLE DETAILS				
SAMPLE TYPE	RESERVOIR WATER			
ORDER /REFERENCE:	SBPIL/TILDA/ENV/2022-23/1404, DTD. 22/10/2022			
CUSTOMER SAMPLE ID	SURFACE WATER			
PACKING OF SAMPLE	4 L X 1 NO. PVC CAN, 1 L X 1 NO. GLASS BOTTLE (SEALED)			
SAMPLE COLLECTED BY	LABORATORY CHEMIST			
SAMPLING PROCEDURE	IS:3025(PART I):1987 RA 2003; APHA 22ND ED. 2012, 1060-B, 1-39			

REPORT NO. 05366

TEST REPORT


SR. NO.	PARAMETER	UNIT	METHOD OF TEST	AS PER IS :	RESULT
				2296 TOLERANCE LIMITS FOR INLAND SURFACE WATER, CLASS-A (MAXIMUM)	
1	Colour	Hazen	IS:3025:(Part-4)	10.0	<1.0
2	pH Value at 25.1°C	-	IS:3025:(Part-11)	6.5 to 8.5	7.93
3	Total Dissolved Solids	mg/L	IS:3025:(Part-16)	500.0	226
4	Dissolved Oxygen	mg/L	IS:3025:(Part-38)	6.0	5.7
5	Bio-chemical Oxygen Demand at 27°C for three day	mg/L	IS:3025:(Part-44)	2.0	1.3
6	Chemical Oxygen Dissolved	mg/L	IS:3025:(Part-58)	--	28.0
7	Chloride (as Cl)	mg/L	IS:3025:(Part-32)	250.0	24.9
8	Fluoride (as F)	mg/L	IS:3025:(part-60)	1.5	0.09
9	Iron (as Fe)	mg/L	IS:3025:(part-53)	0.3	N.D.
10	Nitrate (as NO ₃)	mg/L	IS:3025:(part-34)	20.0	9.7
11	Sulphate (as SO ₄)	mg/L	IS:3025:(Part-24)	400.0	21.4
12	Lead (as Pb)	mg/L	IS:3025:(part-47)	0.1	N.D.
13	Sodium Absorption Ratio	mg/L	IS:11624-1986; RA 2001	--	5.67
14	Free Ammonia	mg/L	IS:3025:(part-34)	--	NIL
15	Conductivity	µS/cm	IS:3025:(Part-14)	--	377.2
16	Arsenic (as As)	mg/L	IS:3025:(part-37)	0.05	N.D.
17	Boron (as B)	mg/L	IS:3025:(Part-57)	--	N.D.
18	Total Coliform	MPN/100ml	IS:1622:1981:RA:2019	50	24

Note: mg/lit.: milligram per liter, N.D.: Not Detected.

REMARKS: RESULTS ARE AS ABOVE

Terms & conditions

- ✓ The use of the report for publication, arbitration or as legal dispute is forbidden.
- ✓ Test sample will be retained for 15 days after issue of test report unless otherwise agreed with customer.
- ✓ This is for information as the party has asked for above test(s) only


15/11/2022
PREPARED BY



For ULTIMATE ENVIROLYTICAL SOLUTIONS


AUTHORIZED SIGNATORY

-----End of the test report-----

AN ISO : 9001:2015 / ISO: 14001:2015 / ISO 45001:2018 CERTIFIED LABORATORY