National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : DISTRICT WATER TESTING LABORATORY, RWS&S DIVISION, DEOGARH, AT COLLEGE ROAD, POST OFFICE - PURUNAGARH, DEOGARH, ODISHA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11193 **Page No** 1 of 3

Validity 30/11/2022 to 29/11/2024 **Last Amended on** -

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Permanent Facility				
1	CHEMICAL- WATER	Drinking Water	Calcium (as Ca)	APHA 23rd Edition -3500-Ca B (EDTA Titrimetric Method)
2	CHEMICAL- WATER	Drinking Water	Colour	APHA 23rd Edition -2120 B (Visual Comparison Method)
3	CHEMICAL- WATER	Drinking Water	Electrical Conductivity(EC)	APHA 23rd Edition -2510 B (Laboratory Method)
4	CHEMICAL- WATER	Drinking Water	Iron (as Fe)	APHA 23rd Edition -3500-Fe B (Phenanthroline Method)
5	CHEMICAL- WATER	Drinking Water	Magnesium (as Mg)	APHA 23rd Edition -3500-Mg B (Calculation Method)
6	CHEMICAL- WATER	Drinking Water	Odour	APHA 23rd Edition -2150 B (Threshold Odour Test) / IS 3025 (Part 5)
7	CHEMICAL- WATER	Drinking Water	pH	APHA 23rd Edition- 4500-H+ B (Electrometric Method)
8	CHEMICAL- WATER	Drinking Water	Taste	APHA 23rd Edition -2160 B (Flavor Threshold Test) /IS 3025 (Part 8)
9	CHEMICAL- WATER	Drinking Water	Temperature	APHA 23rd Edition -2550 B (Laboratory Method)
10	CHEMICAL- WATER	Drinking Water	Total Dissolved Solids	APHA 23rd Edition -2540 C (Dried at 180 Degree Celsius)
11	CHEMICAL- WATER	Drinking Water	Total Hardness (as CaCO3)	APHA 23rd Edition -2340 C (Titrimetric Method)
12	CHEMICAL- WATER	Drinking Water	Turbidity (NTU)	APHA 23rd Edition -2130 B (Nephelometric Method)
13	CHEMICAL- WATER	Ground Water	Calcium (as Ca)	APHA 23rd Edition -3500-Ca B (EDTA Titrimetric Method)
14	CHEMICAL- WATER	Ground Water	Colour	APHA 23rd Edition -2120 B (Visual Comparison Method)
15	CHEMICAL- WATER	Ground Water	Electrical Conductivity (EC)	APHA 23rd Edition -2510 B (Laboratory Method)
16	CHEMICAL- WATER	Ground Water	Iron (as Fe)	APHA 23rd Edition -3500-Fe B (Phenanthroline Method)
17	CHEMICAL- WATER	Ground Water	Magnesium (as Mg)	APHA 23rd Edition -3500-Mg B (Calculation Method)

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18	CHEMICAL- WATER	Ground Water	Odour	APHA 23rd Edition -2150 B (Threshold Odour Test) / IS 3025 (Part 5)
19	CHEMICAL- WATER	Ground Water	pH	APHA 23rd Edition -4500-H+ B (Electrometric Method)
20	CHEMICAL- WATER	Ground Water	Taste	APHA 23rd Edition -2160 B (Flavor Threshold Test) /IS 3025 (Part 8)
21	CHEMICAL- WATER	Ground Water	Temperature	APHA 23rd Edition -2550 B (Laboratory Method)
22	CHEMICAL- WATER	Ground Water	Total Dissolved Solids	APHA 23rd Edition -2540 C (Dried at 180 Degree Celsius)
23	CHEMICAL- WATER	Ground Water	Total Hardness (as CaCO3)	APHA 23rd Edition -2340 C (Titrimetric Method)
24	CHEMICAL- WATER	Ground Water	Turbidity (NTU)	APHA 23rd Edition -2130 B (Nephelometric Method)
25	CHEMICAL- WATER	Surface Water	Calcium (as Ca)	APHA 23rd Edition -3500-Ca B (EDTA method)
26	CHEMICAL- WATER	Surface Water	Colour	APHA 23rd Edition -2120 B(Platinum Cobalt Visual Comparison Method)
27	CHEMICAL- WATER	Surface Water	Electrical Conductivity (EC)	APHA 23rd Edition -2510 B (Laboratory Method)
28	CHEMICAL- WATER	Surface Water	Iron (as Fe)	APHA 23rd Edition -3500-Fe B (Phenanthroline Method)
29	CHEMICAL- WATER	Surface Water	Magnesium (as Mg)	APHA 23rd Edition -3500-Mg B (Calculation Method)
30	CHEMICAL- WATER	Surface Water	Odour	IS 3025 (Part 5)
31	CHEMICAL- WATER	Surface Water	pH	APHA 23rd Edition -4500 B (Electrometric Method)
32	CHEMICAL- WATER	Surface Water	Taste	IS 3025 (Part 8)
33	CHEMICAL- WATER	Surface Water	Temperature	APHA 23rd Edition -2550 B (Laboratory Method)
34	CHEMICAL- WATER	Surface Water	Total Dissolved Solids	APHA 23rd Edition -2540 C (Dried at 180 Degree Celsius)
35	CHEMICAL- WATER	Surface Water	Total Hardness (as CaCO3)	APHA 23rd Edition -2340 C (Titrimetric Method)

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36	CHEMICAL- WATER	Surface Water	Turbidity (NTU)	APHA 23rd Edition -2130 B (Nephelometric Method)