National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : DISTRICT WATER TESTING LABORATORY, RWSS DIVISION, GROUND FLOOR, RWSS, NO-1 SUB-DIVISION, BARGARH, ODISHA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10390 **Page No** 1 of 3

Validity 10/03/2022 to 09/03/2024 **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 Ed. - 3500-Ca Method B (EDTA method)
2	CHEMICAL- WATER	Drinking Water	Chloride as Cl	APHA 23rd Ed.-4500 ClB (Argentometric Method)
3	CHEMICAL- WATER	Drinking Water	Colour	APHA 23rd Ed. 2120 B (Visual Comparison Method)
4	CHEMICAL- WATER	Drinking Water	Electrical Conductivity (EC)	APHA 23rd Ed. 2510 B (Laboratory Method)
5	CHEMICAL- WATER	Drinking Water	Iron as Fe	APHA 23rd Ed. 3500 Fe B (Phenanthroline Method)
6	CHEMICAL- WATER	Drinking Water	Magnesium as Mg	APHA 23rd Ed. 3500 Mg B (Calculation Method)
7	CHEMICAL- WATER	Drinking Water	Odour	APHA 23rd. Ed. 2150 B (Threshold Odour Test) / IS 3025 (Part 5)
8	CHEMICAL- WATER	Drinking Water	pH	APHA 23rd Ed. 4500+ B (Electrometric Method)
9	CHEMICAL- WATER	Drinking Water	Taste	APHA 23rd. Ed.- 2160 B (Flavor Threshold Test) /IS 3025 (Part 8)
10	CHEMICAL- WATER	Drinking Water	TDS	APHA 23rd Ed. -2540 C (TDS Method (Dried at 180 degree C)
11	CHEMICAL- WATER	Drinking Water	Temperature	APHA 23rd Ed. 2550 B (Laboratory Method)
12	CHEMICAL- WATER	Drinking Water	Total Alkalinity as CaCO3	APHA 23rd Ed. 2320 B (Titration Method)
13	CHEMICAL- WATER	Drinking Water	Total Hardness as CaCO3	APHA 23rd Ed. 2340 C (EDTA Titrimetric Method)
14	CHEMICAL- WATER	Drinking Water	Turbidity (NTU)	APHA 23rd Ed. 2130 B (Nephelometric Method)
15	CHEMICAL- WATER	Ground Water	Calcium as Ca	APHA 23rd Ed. - 3500-Ca Method B (EDTA method)
16	CHEMICAL- WATER	Ground Water	Chloride as Cl	APHA 23rd Ed.-4500 ClB (Argentometric Method)
17	CHEMICAL- WATER	Ground Water	Colour	APHA 23rd Ed. 2120 B (Visual Comparison Method)

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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
18	CHEMICAL- WATER	Ground Water	Electrical Conductivity (EC)	APHA 23rd Ed. 2510 B (Laboratory Method)
19	CHEMICAL- WATER	Ground Water	Iron as Fe	APHA 23rd Ed. 3500 Fe B (Phenanthroline Method)
20	CHEMICAL- WATER	Ground Water	Magnesium as Mg	APHA 23rd Ed. 3500 Mg B (Calculation Method)
21	CHEMICAL- WATER	Ground Water	Odour	APHA 23rd. Ed. 2150 B(Threshold Odour Test) / IS 3025 (Part 5)
22	CHEMICAL- WATER	Ground Water	pH	APHA 23rd Ed. 4500+ B (Electrometric Method)
23	CHEMICAL- WATER	Ground Water	Taste	APHA 23rd. Ed.- 2160 B (Flavor Threshold Test) /IS 3025 (Part 8)
24	CHEMICAL- WATER	Ground Water	TDS	APHA 23rd Ed. -2540 C (TDS Method (Dried at 180 degree C)
25	CHEMICAL- WATER	Ground Water	Temperature	APHA 23rd Ed. 2550 B (Laboratory Method)
26	CHEMICAL- WATER	Ground Water	Total Alkalinity as CaCO3	APHA 23rd Ed. 2320 B (Titration Method)
27	CHEMICAL- WATER	Ground Water	Total Hardness as CaCO3	APHA 23rd Ed. 2340 C (EDTA Titrimetric Method)
28	CHEMICAL- WATER	Ground Water	Turbidity (NTU)	APHA 23rd Ed. 2130 B (Nephelometric Method)
29	CHEMICAL- WATER	Surface Water	Calcium as Ca	APHA 23rd Ed. - 3500-Ca Method B (EDTA method)
30	CHEMICAL- WATER	Surface Water	Chloride as Cl	APHA 23rd Ed.-4500 ClB (Argentometric Method)
31	CHEMICAL- WATER	Surface Water	Colour	APHA 23rd Ed. 2120 B (Visual Comparison Method)
32	CHEMICAL- WATER	Surface Water	Electrical Conductivity (EC)	APHA 23rd Ed. 2510 B (Laboratory Method)
33	CHEMICAL- WATER	Surface Water	Iron as Fe	APHA 23rd Ed. 3500 Fe B (Phenanthroline Method)
34	CHEMICAL- WATER	Surface Water	Magnesium as Mg	APHA 23rd Ed. 3500 Mg B (Calculation Method)

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35	CHEMICAL- WATER	Surface Water	Odour	APHA 23rd. Ed. 2150 B(Threshold Odour Test) / IS 3025 (Part 5)
36	CHEMICAL- WATER	Surface Water	pH	APHA 23rd Ed. 4500+ B (Electrometric Method)
37	CHEMICAL- WATER	Surface Water	Taste	APHA 23rd. Ed.- 2160 B (Flavor Threshold Test) /IS 3025 (Part 8)
38	CHEMICAL- WATER	Surface Water	TDS	APHA 23rd Ed. -2540 C (TDS Method (Dried at 180 degree C)
39	CHEMICAL- WATER	Surface Water	Temperature	APHA 23rd Ed. 2550 B (Laboratory Method)
40	CHEMICAL- WATER	Surface Water	Total Alkalinity as CaCO3	APHA 23rd Ed. 2320 B (Titration Method)
41	CHEMICAL- WATER	Surface Water	Total Hardness as CaCO3	APHA 23rd Ed. 2340 C (EDTA Titrimetric Method)
42	CHEMICAL- WATER	Surface Water	Turbidity (NTU)	APHA 23rd Ed. 2130 B (Nephelometric Method)