National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : DISTRICT WATER TESTING LABORATORY, RWS & S DIVISION, WATER WORKS ROAD, PURI, ODISHA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11627 **Page No** 1 of 3

Validity 09/05/2023 to 08/05/2025 **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 B (EDTA Titrimetric Method)
2	CHEMICAL- WATER	Drinking Water	Chloride as Cl	APHA 23rd Ed.2017-4500 Cl B (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 Test) / IS 3025 (Part 5) Second Revision
8	CHEMICAL- WATER	Drinking Water	pH	APHA 23rd Ed. 4500+ B (Electrometric Method)
9	CHEMICAL- WATER	Drinking Water	Taste	APHA 23rd. Ed.- 2160 B (Threshold Test) / IS 3025 (Part 8)
10	CHEMICAL- WATER	Drinking Water	Temperature	APHA 23rd Ed. 2550 B (Laboratory Method)
11	CHEMICAL- WATER	Drinking Water	Total Alkalinity as CaCO3	APHA 23rd Ed. 2320 B (Titration Method)
12	CHEMICAL- WATER	Drinking Water	Total Dissolved Solids (TDS)	APHA 23rd Ed. -2540 C (Dried at 180 degree C)
13	CHEMICAL- WATER	Drinking Water	Total Hardness as CaCO3	APHA 23rd Ed. 2340 C (Titrimetric Method)
14	CHEMICAL- WATER	Drinking Water	Turbidity	APHA 23rd Ed. 2130 B (Nephelometric Method)
15	CHEMICAL- WATER	Ground water	Calcium as Ca	APHA 23rd Ed. - 3500-Ca B (EDTA Titrimetric Method)
16	CHEMICAL- WATER	Ground Water	Chloride as Cl	APHA 23rd Ed.2017-4500 Cl B (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 Test)
22	CHEMICAL- WATER	Ground water	pH	APHA 23rd Ed. 4500+ B (Electrometric Method)
23	CHEMICAL- WATER	Ground water	Taste	APHA 23rd. Ed. - 2160 B (Threshold Test)
24	CHEMICAL- WATER	Ground water	Temperature	APHA 23rd Ed. 2550 B (Laboratory Method)
25	CHEMICAL- WATER	Ground water	Total Alkalinity as CaCO3	APHA 23rd Ed. 2320 B (Titration Method)
26	CHEMICAL- WATER	Ground water	Total Dissolved Solids (TDS)	APHA 23rd Ed. -2540 C (Dried at 180 degree C)
27	CHEMICAL- WATER	Ground water	Total Hardness as CaCO3	APHA 23rd Ed. 2340 C (Titrimetric Method)
28	CHEMICAL- WATER	Ground water	Turbidity	APHA 23rd Ed. 2130 B (Nephelometric Method)
29	CHEMICAL- WATER	Suface water	Iron as Fe	APHA 23rd Ed. 3500 Fe B (Phenanthroline Method)
30	CHEMICAL- WATER	Surface Water	Calcium as Ca	APHA 23rd Ed. - 3500-Ca B (EDTA Titrimetric Method)
31	CHEMICAL- WATER	Surface Water	Chloride as Cl	APHA 23rd Ed.2017-4500 Cl B (Argentometric Method)
32	CHEMICAL- WATER	Surface water	Colour	APHA 23rd Ed. 2120 B (Visual Comparison Method)
33	CHEMICAL- WATER	Surface water	Electrical Conductivity(EC)	APHA 23rd Ed. 2510 B (Laboratory Method)
34	CHEMICAL- WATER	Surface water	Magnesium as Mg	APHA 23rd Ed. 3500 Mg B (Calculation Method)
35	CHEMICAL- WATER	Surface water	Odour	APHA 23rd. Ed. 2150 B (Threshold Test)
36	CHEMICAL- WATER	Surface water	pH	APHA 23rd Ed. 4500+ B (Electrometric Method)

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37	CHEMICAL- WATER	Surface water	Taste	APHA 23rd. Ed. - 2160 B (Threshold Test)
38	CHEMICAL- WATER	Surface water	Temperature	APHA 23rd Ed. 2550 B (Laboratory Method)
39	CHEMICAL- WATER	Surface water	Total Alkalinity as CaCO3	APHA 23rd Ed. 2320 B (Titration Method)
40	CHEMICAL- WATER	Surface water	Total Dissolved Solids (TDS)	APHA 23rd Ed. -2540 C (Dried at 180 degree C)
41	CHEMICAL- WATER	Surface water	Total Hardness as CaCO3	APHA 23rd Ed. 2340 C (Titrimetric Method)
42	CHEMICAL- WATER	Surface water	Turbidity	APHA 23rd Ed. 2130 B (Nephelometric Method)