National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : SUB-DIVISIONAL WATER TESTING LABORATORY, RWS & S DIVISION, ATHAGARH, TALCHER, CUTTACK, ODISHA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10777 **Page No** 1 of 3

Validity 02/07/2022 to 01/07/2024 **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	APHA23rd Ed. - 3500-CaB(EDTA method)
2	CHEMICAL- WATER	Drinking Water	Chloride as Cl	APHA 23rd Ed.2017- 4500 ClB (Argentometric Method)
3	CHEMICAL- WATER	Drinking Water	Colour	APHA23rd Ed. 2120 B(VisualComparison Method)
4	CHEMICAL- WATER	Drinking Water	Electrical Conductivity (EC)	APHA 23rd Ed. 2510 B (Laboratory Method)
5	CHEMICAL- WATER	Drinking Water	Iron as Fe	APHA23rd Ed. 3500 Fe B(Phenanthroline Method)
6	CHEMICAL- WATER	Drinking Water	Magnesiumas Mg	APHA23rd Ed. 3500 MgB(Calculation Method)
7	CHEMICAL- WATER	Drinking Water	Odour	APHA23rd. Ed. 2150 B:2017(Threshold Odour Test)
8	CHEMICAL- WATER	Drinking Water	pH	APHA23rd Ed. 4500 H+ B (Electrometric Method)
9	CHEMICAL- WATER	Drinking Water	Taste	APHA23rd. Ed.:2017- 2160 B (Flavor Threshold Test)
10	CHEMICAL- WATER	Drinking Water	TDS	APHA23rd Ed. - 2540 C (TDS Method (Dried at 180 degree C)
11	CHEMICAL- WATER	Drinking Water	Temperature	APHA23rd Ed. 2550 B(Laboratory Method)
12	CHEMICAL- WATER	Drinking Water	Total Alkalinity as CaCO3	APHA 23rd Ed. 2320 B (TitrationMethod)
13	CHEMICAL- WATER	Drinking Water	Total Hardness as CaCO3	APHA 23rd Ed. 2340 C (EDTATitrimetric Method)
14	CHEMICAL- WATER	Drinking Water	Turbidity (NTU)	APHA23rd Ed. 2130 B(Nephelometric Method)
15	CHEMICAL- WATER	Ground water	Calcium as Ca	APHA23rd Ed. - 3500-CaB(EDTA method)
16	CHEMICAL- WATER	Ground Water	Chloride as Cl	APHA23rd Ed.2017- 4500 ClB (Argentometric Method)
17	CHEMICAL- WATER	Ground Water	Colour	APHA23rd Ed. 2120 B(VisualComparison Method)
18	CHEMICAL- WATER	Ground Water	Electrical Conductivity (EC)	APHA 23rd Ed. 2510 B(Laboratory Method)

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19	CHEMICAL- WATER	Ground Water	Iron as Fe	APHA23rd Ed. 3500 Fe B(Phenanthroline Method)
20	CHEMICAL- WATER	Ground Water	Magnesiumas Mg	APHA23rd Ed. 3500 MgB(Calculation Method)
21	CHEMICAL- WATER	Ground Water	Odour	APHA23rd. Ed. 2150 B:2017(Threshold Odour Test)
22	CHEMICAL- WATER	Ground Water	pH	APHA23rd Ed. 4500 H + B (Electrometric Method)
23	CHEMICAL- WATER	Ground Water	Taste	APHA23rd. Ed.:2017- 2160 B (Flavor Threshold Test)
24	CHEMICAL- WATER	Ground Water	TDS	APHA23rd Ed. - 2540 C (TDS Method (Dried at 180 degree C)
25	CHEMICAL- WATER	Ground Water	Temperature	APHA23rd Ed. 2550 B(Laboratory Method)
26	CHEMICAL- WATER	Ground Water	Total Alkalinity as CaCO3	APHA23rd Ed. 2320 B(TitrationMethod)
27	CHEMICAL- WATER	Ground Water	Total Hardness as CaCO3	APHA23rd Ed. 2340 C (EDTATitrimetric Method)
28	CHEMICAL- WATER	Ground Water	Turbidity (NTU)	APHA23rd Ed. 2130 B(Nephelometric Method)
29	CHEMICAL- WATER	Surface Water	Calciumas Ca	APHA23rd Ed. - 3500-Ca Method B (EDTAmethod)
30	CHEMICAL- WATER	Surface Water	Chloride as Cl	APHA23rd Ed.2017- 4500 ClB (Argentometric Method)
31	CHEMICAL- WATER	Surface Water	Colour	APHA 23rd Ed. 2120 B(VisualComparison 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	Magnesiumas Mg	APHA 23rd Ed. 3500 MgB(Calculation Method)
35	CHEMICAL- WATER	Surface Water	Odour	APHA23rd. Ed. 2150 B:2017(Threshold Odour Test)
36	CHEMICAL- WATER	Surface Water	pH	APHA 23rd Ed. 4500 H + B (Electrometric Method)

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37	CHEMICAL- WATER	Surface Water	Taste	APHA23rd. Ed.:2017- 2160 B (Flavor Threshold Test)
38	CHEMICAL- WATER	Surface Water	TDS	APHA23rd 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(TitrationMethod)
41	CHEMICAL- WATER	Surface Water	Total Hardness as CaCO3	APHA 23rd Ed. 2340 C (EDTATitrimetric Method)
42	CHEMICAL- WATER	Surface Water	Turbidity (NTU)	APHA 23rd Ed. 2130 B(Nephelometric Method)