National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : DISTRICT WATER TESTING LABORATORY, RWSS DIVISION, AT- PARAMANANDPUR CHOWK, BHAWANIPATNA, KALAHANDI, ODISHA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10144 **Page No** 1 of 3

Validity 17/12/2021 to 16/12/2023 **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	APHA 23rd Ed. - 3500-Ca Method B (EDTA method)
2	CHEMICAL- WATER	Drinking Water	Chloride as Cl	APHA 23rd Ed.2017-4500 ClB (Argentometric Method)
3	CHEMICAL- WATER	Drinking Water	Colour	APHA 23rd Ed. -2120-Colour Method B(Platinum Cobalt Visual Comparison)
4	CHEMICAL- WATER	Drinking Water	Electrical Conductivity(EC)	APHA23rd Ed.2017- 2510 B
5	CHEMICAL- WATER	Drinking Water	Iron as Fe	APHA23rd Ed.2017-3500 Fe B (Phenanthroline Method
6	CHEMICAL- WATER	Drinking Water	Magnesium	APHA 23rd Ed. 3500 Mg B (Calculation Method)
7	CHEMICAL- WATER	Drinking Water	Odour	IS 3025 (Part 5)
8	CHEMICAL- WATER	Drinking Water	pH	APHA23rd Ed 2017.- 4500H+ B
9	CHEMICAL- WATER	Drinking Water	Taste	IS 3025 (Part 8)
10	CHEMICAL- WATER	Drinking Water	Temperature	APHA23rd Ed. 2550 B)Laboratory Method)
11	CHEMICAL- WATER	Drinking Water	Total Alkalinity as CaCO3	APHA 23rd Ed. 2017 2320 B(Titration Method)
12	CHEMICAL- WATER	Drinking Water	Total Dissolved solid	APHA 23rd Ed. -2540- C (Dried at 180 degree Celsius)
13	CHEMICAL- WATER	Drinking Water	Total Hardness as CaCO3	APHA 23rd Ed. 2017-2340 C (Titrimetric Method)
14	CHEMICAL- WATER	Drinking Water	Turbidity (NTU)	APHA23rd Ed.2017-2130 B (Nephelometric Method)
15	CHEMICAL- WATER	Ground Water	Calcium	APHA 23rd Ed. - 3500-Ca Method B (EDTA method)
16	CHEMICAL- WATER	Ground Water	Chloride as Cl	APHA23rd Ed.2017-4500 Cl B (Argentometric Method)
17	CHEMICAL- WATER	Ground Water	Colour	APHA 23rd Ed. -2120-Colour Method B(Platinum Cobalt Visual Comparison)
18	CHEMICAL- WATER	Ground Water	Electrical Conductivity(EC)	APHA23rd Ed.2017- 2510 B
19	CHEMICAL- WATER	Ground Water	Iron as Fe	APHA23rd Ed.2017-3500 Fe B (Phenanthroline Method

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20	CHEMICAL- WATER	Ground Water	Magnesium	APHA 23rd Ed. 3500 Mg B (Calculation Method)
21	CHEMICAL- WATER	Ground Water	Odour	IS 3025 (Part 5)
22	CHEMICAL- WATER	Ground Water	pH	APHA, 23rd Ed.2017-4500+B:
23	CHEMICAL- WATER	Ground Water	Taste	IS 3025 (Part 8)
24	CHEMICAL- WATER	Ground Water	Temperature	APHA23rd Ed. 2550 B)Laboratory Method)
25	CHEMICAL- WATER	Ground Water	Total Alkalinity as CaCO3	APHA23rd Ed. 2017 2320 B(Titration Method)
26	CHEMICAL- WATER	Ground Water	Total Dissolved solid	APHA 23rd Ed. -2540-TDS Method C (Dried at 180 degree Celsius)
27	CHEMICAL- WATER	Ground Water	Total Hardness as CaCO3	APHA23rd Ed. 2017-2340 C (Titrimetric Method)
28	CHEMICAL- WATER	Ground Water	Turbidity (NTU)	APHA23rd Ed.2017-2130 B (Nephelometric Method)
29	CHEMICAL- WATER	Surface Water	Calcium	APHA 23rd Ed. - 3500-Ca Method B (EDTA method)
30	CHEMICAL- WATER	Surface Water	Chloride as Cl	APHA23rd Ed.2017-4500 Cl B (Argentometric Method)
31	CHEMICAL- WATER	Surface Water	Colour	APHA 23rd Ed. -2120-Colour Method B(Platinum Cobalt Visual Comparison)
32	CHEMICAL- WATER	Surface Water	Electrical Conductivity(EC)	APHA23rd Ed.2017- 2510 B
33	CHEMICAL- WATER	Surface Water	Iron as Fe	APHA23rd Ed.2017-3500 Fe B (Phenanthroline Method
34	CHEMICAL- WATER	Surface Water	Magnesium	APHA 23rd Ed. 3500 Mg B (Calculation Method)
35	CHEMICAL- WATER	Surface Water	Odour	IS 3025 (Part 5)
36	CHEMICAL- WATER	Surface Water	pH	APHA, 23rd Ed.2017-4500+B
37	CHEMICAL- WATER	Surface Water	Taste	IS 3025 (Part 8)
38	CHEMICAL- WATER	Surface Water	Temperature	APHA23rd Ed. 2550 B)Laboratory Method)
39	CHEMICAL- WATER	Surface Water	Total Alkalinity as CaCO3	APHA 23rd Ed. 2017 2320 B(Titration Method)
40	CHEMICAL- WATER	Surface Water	Total Dissolved solid	APHA 23rd Ed. -2540-C (Dried at 180 degree Celsius)

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41	CHEMICAL- WATER	Surface Water	Total Hardness as CaCO3	APHA 23rd Ed. 2017-2340 C (Titrimetric Method)
42	CHEMICAL- WATER	Surface Water	Turbidity (NTU)	APHA23rd Ed.2017-2130 B (Nephelometric Method)