National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : DISTRICT WATER TESTING LABORATORY, AT- RANIPENTHA, PARALAKHEMUNDI, GAJAPATI, ODISHA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10981 **Page No** 1 of 2

Validity 07/09/2022 to 06/09/2024 **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	APHA 23rd Ed. - 3500-Ca Method B (EDTA 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	pH	APHA 23rd Ed. 4500+ B (Electrometric Method)
8	CHEMICAL- WATER	Drinking Water	TDS	APHA 23rd Ed. - 2540 C (TDS Method (Dried at 180 degree C)
9	CHEMICAL- WATER	Drinking Water	Temperature	APHA 23rd Ed. 2550 B (Laboratory Method)
10	CHEMICAL- WATER	Drinking Water	Total Alkalinity as CaCO3	APHA 23rd Ed. 2320 B (TitrationMethod)
11	CHEMICAL- WATER	Drinking Water	Total Hardness as CaCO3	APHA 23rd Ed. 2340 C (EDTA Titrimetric Method)
12	CHEMICAL- WATER	Drinking Water	Turbidity (NTU)	APHA 23rd Ed. 2130 B (Nephelometric Method)
13	CHEMICAL- WATER	Ground Water	Calcium as Ca	APHA 23rd Ed. - 3500-Ca Method B (EDTA method)
14	CHEMICAL- WATER	Ground Water	Chloride as Cl	APHA 23rd Ed.2017- 4500 ClB (Argentometric Method)
15	CHEMICAL- WATER	Ground Water	Colour	APHA 23rd Ed. 2120 B (Visual Comparison Method)
16	CHEMICAL- WATER	Ground Water	Electrical Conductivity (EC)	APHA 23rd Ed. 2510 B (Laboratory Method)
17	CHEMICAL- WATER	Ground Water	Iron as Fe	APHA 23rd Ed. 3500 Fe B (Phenanthroline Method)
18	CHEMICAL- WATER	Ground Water	Magnesium as Mg	APHA 23rd Ed. 3500 Mg B (Calculation Method)

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19	CHEMICAL- WATER	Ground Water	pH	APHA 23rd Ed. 4500+ B (Electrometric Method)
20	CHEMICAL- WATER	Ground Water	TDS	APHA 23rd Ed. - 2540 C (TDS Method (Dried at 180 degree C)
21	CHEMICAL- WATER	Ground Water	Temperature	APHA 23rd Ed. 2550 B (Laboratory Method)
22	CHEMICAL- WATER	Ground Water	Total Alkalinity as CaCO3	APHA 23rd Ed. 2320 B (Titration Method)
23	CHEMICAL- WATER	Ground Water	Total Hardness as CaCO3	APHA 23rd Ed. 2340 C (EDTA Titrimetric Method)
24	CHEMICAL- WATER	Ground Water	Turbidity (NTU)	APHA 23rd Ed. 2130 B (Nephelometric Method)
25	CHEMICAL- WATER	Surface water	Calcium as Ca	APHA 23rd Ed. - 3500-Ca Method B (EDTA method)
26	CHEMICAL- WATER	Surface Water	Chloride as Cl	APHA 23rd Ed.2017- 4500 Cl B (Argentometric Method)
27	CHEMICAL- WATER	Surface Water	Colour	APHA 23rd Ed. 2120 B (Visual Comparison Method)
28	CHEMICAL- WATER	Surface Water	Electrical Conductivity (EC)	APHA 23rd Ed. 2510 B (Laboratory Method)
29	CHEMICAL- WATER	Surface Water	Iron as Fe	APHA 23rd Ed. 3500 Fe B (Phenanthroline Method)
30	CHEMICAL- WATER	Surface Water	Magnesium as Mg	APHA 23rd Ed. 3500 Mg B (Calculation Method)
31	CHEMICAL- WATER	Surface Water	pH	APHA 23rd Ed. 4500+ B (Electrometric Method)
32	CHEMICAL- WATER	Surface Water	TDS	APHA 23rd Ed. - 2540 C (TDS Method (Dried at 180 degree C)
33	CHEMICAL- WATER	Surface Water	Temperature	APHA 23rd Ed. 2550 B (Laboratory Method)
34	CHEMICAL- WATER	Surface Water	Total Alkalinity as CaCO3	APHA 23rd Ed. 2320 B (Titration Method)
35	CHEMICAL- WATER	Surface Water	Total Hardness as CaCO3	APHA 23rd Ed. 2340 C (EDTA Titrimetric Method)
36	CHEMICAL- WATER	Surface Water	Turbidity (NTU)	APHA 23rd Ed. 2130 B (Nephelometric Method)