National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : DISTRICT WATER TESTING LABORATORY, RWS&S DIVISION, BARIPADA, GROUND FLOOR, RWS&S DIVISION, BARIPADA, MAYURBHANJ, ODISHA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11084 **Page No** 1 of 3

Validity 23/10/2022 to 22/10/2024 **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 Edition -3500-Ca B (EDTA method)
2	CHEMICAL- WATER	Drinking Water	Chloride (as Cl)	APHA 23rd Edition -4500-Cl B (Argentometric Method)
3	CHEMICAL- WATER	Drinking Water	Colour	APHA 23rd Edition -2120-B (Visual Comparison Method)
4	CHEMICAL- WATER	Drinking Water	Electrical Conductivity (EC)	APHA 23rd Edition -2510 B (Laboratory Method)
5	CHEMICAL- WATER	Drinking Water	Iron (as Fe)	APHA 23rd Edition -3500-Fe B (Phenanthroline Method)
6	CHEMICAL- WATER	Drinking Water	Magnesium	APHA 23rd Edition -3500-Mg B (Calculation Method)
7	CHEMICAL- WATER	Drinking Water	Odour	APHA 23rd Edition -2150-B (Threshold Odour Test) /IS 3025 (Part 5)
8	CHEMICAL- WATER	Drinking Water	pH	APHA 23rd Edition -4500+ B (Electrometric Method)
9	CHEMICAL- WATER	Drinking Water	Temperature	APHA 23rd Edition -2550 B (Laboratory Method)
10	CHEMICAL- WATER	Drinking Water	Total Alkalinity (as CaCO3)	APHA 23rd Edition -2320 B(Titration Method)
11	CHEMICAL- WATER	Drinking Water	Total Dissolved Solids	APHA 23rd Edition -2540 C (TDS Method) (Dried at 180 Degree Celsius)
12	CHEMICAL- WATER	Drinking Water	Total Hardness (as CaCO3)	APHA 23rd Edition -2340 C (EDTA Titrimetric Method)
13	CHEMICAL- WATER	Drinking Water	Turbidity (NTU)	APHA 23rd Edition -2130 B (Nephelometric Method)
14	CHEMICAL- WATER	Ground Water	Calcium (as Ca)	APHA 23rd Edition -3500-Ca Method B (EDTA method)
15	CHEMICAL- WATER	Ground water	Chloride (as Cl)	APHA 23rd Edition -4500-Cl B (Argentometric Method)
16	CHEMICAL- WATER	Ground Water	Colour	APHA 23rd Edition -2120 B (Visual Comparison Method)
17	CHEMICAL- WATER	Ground Water	Electrical Conductivity (EC)	APHA 23rd Edition -2510 B (Laboratory Method)

National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : DISTRICT WATER TESTING LABORATORY, RWS&S DIVISION, BARIPADA, GROUND FLOOR, RWS&S DIVISION, BARIPADA, MAYURBHANJ, ODISHA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11084 **Page No** 2 of 3

Validity 23/10/2022 to 22/10/2024 **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
18	CHEMICAL- WATER	Ground Water	Iron (as Fe)	APHA 23rd Edition -3500-Fe B (Phenanthroline Method)
19	CHEMICAL- WATER	Ground Water	Magnesium	APHA 23rd Edition -3500-Mg B (Calculation Method)
20	CHEMICAL- WATER	Ground Water	Odour	APHA 23rd Edition -2150 B (Threshold Odour Test)/IS 3025 (Part 5)
21	CHEMICAL- WATER	Ground Water	pH	APHA 23rd Edition -4500+ B (Electrometric Method)
22	CHEMICAL- WATER	Ground Water	Temperature	APHA 23rd Edition -2550 B (Laboratory Method)
23	CHEMICAL- WATER	Ground Water	Total Alkalinity (as CaCO3)	APHA 23rd Edition -2320 B (Titration Method)
24	CHEMICAL- WATER	Ground Water	Total Dissolved Solids	APHA 23rd Edition -2540 C (Dried at 180 Degree Celsius)
25	CHEMICAL- WATER	Ground Water	Total Hardness (as CaCO3)	APHA 23rd Edition -2340 C (EDTA Titrimetric Method)
26	CHEMICAL- WATER	Ground Water	Turbidity (NTU)	APHA 23rd Edition -2130 B (Nephelometric Method)
27	CHEMICAL- WATER	Surface Water	Calcium (as Ca)	APHA 23rd Edition -3500-Ca Method B (EDTA method)
28	CHEMICAL- WATER	Surface Water	Chloride (as Cl)	APHA 23rd Edition -4500-Cl B (Argentometric Method)
29	CHEMICAL- WATER	Surface Water	Colour	APHA 23rd Edition -2120-Colour Method B(Platinum Cobalt Visual Comparison)
30	CHEMICAL- WATER	Surface Water	Electrical Conductivity (EC)	APHA 23rd Edition -2510 B (Laboratory Method)
31	CHEMICAL- WATER	Surface Water	Iron (as Fe)	APHA 23rd Edition -3500-Fe B (Phenanthroline Method)
32	CHEMICAL- WATER	Surface Water	Magnesium	APHA 23rd Edition -3500-Mg B (Calculation Method)
33	CHEMICAL- WATER	Surface Water	Odour	APHA 23rd Edition -2150 B (Threshold Odour Test)/ IS 3025 (Part 5)
34	CHEMICAL- WATER	Surface Water	pH	APHA 23rd Edition -4500+ B (Electrometric Method)
35	CHEMICAL- WATER	Surface Water	Temperature	APHA 23rd Edition -2550 B (Laboratory Method)

National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	DISTRICT WATER TESTING LABORATORY, RWS&S DIVISION, BARIPADA, GROUND FLOOR, RWS&S DIVISION, BARIPADA, MAYURBHANJ, ODISHA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-11084	**Page No**	3 of 3
Validity	23/10/2022 to 22/10/2024	**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
36	CHEMICAL- WATER	Surface Water	Total Alkalinity (as CaCO3)	APHA 23rd Edition -2320 B(Titration Method)
37	CHEMICAL- WATER	Surface Water	Total Dissolved Solids	APHA 23rd Edition -2540-TDS Method C (Dried at 180 Degree Celsius)
38	CHEMICAL- WATER	Surface Water	Total Hardness (as CaCO3)	APHA 23rd Edition -2340 C (EDTA Titrimetric Method)
39	CHEMICAL- WATER	Surface Water	Turbidity (NTU)	APHA 23rd Edition -2130 B (Nephelometric Method)