National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : DISTRICT WATER TESTING LABORATORY, RWS&S DIVISION, KORAPUT, AT- MALI SAHI, KORAPUT, ODISHA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11281 **Page No** 1 of 3

Validity 12/01/2023 to 11/01/2025 **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 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)
8	CHEMICAL- WATER	Drinking Water	pH	APHA 23rd Edition -4500-H+ B (Electrometric Method)
9	CHEMICAL- WATER	Drinking Water	Taste	APHA 23rd Edition -2160 B (Flavour Threshold Test)
10	CHEMICAL- WATER	Drinking Water	Temperature	APHA 23rd Edition -2550 B (Laboratory Method)
11	CHEMICAL- WATER	Drinking Water	Total Alkalinity (as CaCO3)	APHA 23rd Edition -2320 B (Titration Method)
12	CHEMICAL- WATER	Drinking Water	Total Dissolved Solids	APHA 23rd Edition -2540 C (Dried at 180 Degree Celsius)
13	CHEMICAL- WATER	Drinking Water	Total Hardness (as CaCO3)	APHA 23rd Edition -2340 C (EDTA Titrimetric Method)
14	CHEMICAL- WATER	Drinking Water	Turbidity	APHA 23rd Edition -2130 B (Nephelometric Method)
15	CHEMICAL- WATER	Ground Water	Calcium (as Ca)	APHA 23rd Edition -3500-Ca B (EDTA Method)
16	CHEMICAL- WATER	Ground Water	Chloride (as Cl)	APHA 23rd Edition -4500-Cl B (Argentometric Method)
17	CHEMICAL- WATER	Ground Water	Colour	APHA 23rd Edition -2120 B (Visual Comparison Method)
18	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, KORAPUT, AT- MALI SAHI, KORAPUT, ODISHA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11281 **Page No** 2 of 3

Validity 12/01/2023 to 11/01/2025 **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
19	CHEMICAL- WATER	Ground Water	Iron (as Fe)	APHA 23rd Edition -3500-Fe B (Phenanthroline Method)
20	CHEMICAL- WATER	Ground Water	Magnesium	APHA 23rd Edition -3500-Mg B (Calculation Method)
21	CHEMICAL- WATER	Ground Water	Odour	APHA 23rd Edition -2150 B (Threshold Odour Test)
22	CHEMICAL- WATER	Ground Water	pH	APHA 23rd Edition -4500-H+ B (Electrometric Method)
23	CHEMICAL- WATER	Ground Water	Taste	APHA 23rd Edition -2160 B (Flavour Threshold Test)
24	CHEMICAL- WATER	Ground Water	Temperature	APHA 23rd Edition -2550 B (Laboratory Method)
25	CHEMICAL- WATER	Ground Water	Total Alkalinity (as CaCO3)	APHA 23rd Edition -2320 B (Titration Method)
26	CHEMICAL- WATER	Ground Water	Total Dissolved Solids	APHA 23rd Edition -2540 C (Dried at 180 Degree Celsius)
27	CHEMICAL- WATER	Ground Water	Total Hardness (as CaCO3)	APHA 23rd Edition -2340 C (EDTA Titrimetric Method)
28	CHEMICAL- WATER	Ground Water	Turbidity (NTU)	APHA 23rd Edition -2130 B (Nephelometric Method)
29	CHEMICAL- WATER	Surface Water	Calcium (as Ca)	APHA 23rd Edition -3500-Ca B (EDTA Method)
30	CHEMICAL- WATER	Surface Water	Chloride (as Cl)	APHA 23rd Edition -4500-Cl B (Argentometric Method)
31	CHEMICAL- WATER	Surface Water	Colour	APHA 23rd Edition -2120 B (Platinum Cobalt Visual Comparison)
32	CHEMICAL- WATER	Surface Water	Electrical Conductivity (EC)	APHA 23rd Edition -2510 B (Laboratory Method)
33	CHEMICAL- WATER	Surface Water	Iron (as Fe)	APHA 23rd Edition -3500-Fe B (Phenanthroline Method)
34	CHEMICAL- WATER	Surface Water	Magnesium	APHA 23rd Edition -3500-Mg B (Calculation Method)
35	CHEMICAL- WATER	Surface Water	Odour	APHA 23rd Edition -2150 B (Threshold Odour Test)
36	CHEMICAL- WATER	Surface Water	pH	APHA 23rd Edition -4500-H+ B (Electrometric Method)

National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : DISTRICT WATER TESTING LABORATORY, RWS&S DIVISION, KORAPUT, AT- MALI SAHI, KORAPUT, ODISHA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11281 **Page No** 3 of 3

Validity 12/01/2023 to 11/01/2025 **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
37	CHEMICAL- WATER	Surface Water	Taste	APHA 23rd Edition -2160 B (Flavour Threshold Test)
38	CHEMICAL- WATER	Surface Water	Temperature	APHA 23rd Edition -2550 B (Laboratory Method)
39	CHEMICAL- WATER	Surface Water	Total Alkalinity (as CaCO3)	APHA 23rd Edition -2320 B (Titration Method)
40	CHEMICAL- WATER	Surface Water	Total Dissolved Solids	APHA 23rd Edition -2540 C (Dried at 180 Degree Celsius)
41	CHEMICAL- WATER	Surface Water	Total Hardness (as CaCO3)	APHA 23rd Edition -2340 C (EDTA Titrimetric Method)
42	CHEMICAL- WATER	Surface Water	Turbidity	APHA 23rd Edition -2130 B (Nephelometric Method)