National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : DISTRICT LEVEL WATER TESTING LABORATORY, KUMARGHAT, PWD (DWS), KUMARGHAT, UNAKOTI, TRIPURA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11051 **Page No** 1 of 1

Validity 11/10/2022 to 10/10/2024 **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 Method B (EDTA Method)
2	CHEMICAL- WATER	Drinking Water	Chloride (as Cl)	APHA 23rd Edition-4500-Cl Method B (Argentometric Method)
3	CHEMICAL- WATER	Drinking Water	Colour	APHA 23rd Edition-2120-Colour Method B (Platinum Cobalt Visual Comparison)
4	CHEMICAL- WATER	Drinking Water	Iron (as Fe)	APHA 23rd Edition-3500-Fe Method B (Phenanthroline Method)
5	CHEMICAL- WATER	Drinking Water	Magnesium (as Mg)	APHA 23rd Edition-3500-Mg Method B (By Calculation)
6	CHEMICAL- WATER	Drinking Water	Odour	IS 3025 (Part 5)
7	CHEMICAL- WATER	Drinking Water	pH	APHA 23rd Edition-4500-H+ Method B
8	CHEMICAL- WATER	Drinking Water	Taste	IS 3025 (Part 8)
9	CHEMICAL- WATER	Drinking Water	Total Alkalinity (as CaCO3)	APHA 23rd Edition-2320-Alkalinity Method B (Titration Method)
10	CHEMICAL- WATER	Drinking Water	Total Dissolved Solids	APHA 23rd Edition-2540-TDS Method C (Dried at 180 Degree Celsius)
11	CHEMICAL- WATER	Drinking Water	Total Hardness (as CaCO3)	APHA 23rd Edition-2340-Hardness Method C (EDTA Method)
12	CHEMICAL- WATER	Drinking Water	Turbidity	APHA 23rd Edition-2130-Turbidity Method B