National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : STATE LEVEL WATER TESTING LABORATORY, DRINKING WATER & SANITATION WING OF PWD, PANIO JAL O SASTHA BIDHAN BHABAN, P.N. COMPLEX, AGARTALA, WEST TRIPURA, TRIPURA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7350 **Page No** 1 of 2

Validity 23/09/2022 to 22/09/2024 **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	Alkalinity as CaCO3	APHA 23rd Edition 2017-2320B Titration Method
2	CHEMICAL- WATER	Drinking Water	Arsenic as As	APHA 23rd Edition 2017-3500-As B. SDDC Method
3	CHEMICAL- WATER	Drinking Water	Calcium as Ca	APHA 23rd Edition 2017 - 3500-Ca B- EDTA Titrimetric Method
4	CHEMICAL- WATER	Drinking Water	Chloride as Cl	APHA-23rd Edition 2017- 4500-Cl- B Argentometric Method
5	CHEMICAL- WATER	Drinking Water	Chlorine (Free Residual)	APHA 23rd Edition 2017-4500-Cl G. DPD Colorimetric Method
6	CHEMICAL- WATER	Drinking Water	Color	APHA 23rd Edition 2017-2120 B Visual Comparison Method
7	CHEMICAL- WATER	Drinking Water	Conductivity	APHA 23rd Edition 2017- 2510B
8	CHEMICAL- WATER	Drinking Water	Dissolved Oxygen (DO)	APHA 23rd Edition 2017-4500-O-C Azide Modification Method
9	CHEMICAL- WATER	Drinking Water	Fluoride as F	APHA 23rd Edition 2017-4500F-D SPANDS Method
10	CHEMICAL- WATER	Drinking Water	Free CO2	APHA 23rd Edition 2017-4500-CO2-C. Titrimetric Method for Free Carbon Dioxide
11	CHEMICAL- WATER	Drinking Water	Hardness as CaCO3	APHA 23rd Edition 2017-2340 C EDTA Titrimetric Method
12	CHEMICAL- WATER	Drinking Water	Iron as Fe	APHA 23rd Edition 2017- 3500-Fe B. Phenanthroline Method
13	CHEMICAL- WATER	Drinking Water	Magnesium as Mg	APHA 23rd Edition 2017-3500-Mg B Calculation Method
14	CHEMICAL- WATER	Drinking Water	Manganese as Mn	APHA-23rd Edition 2017-3500-Mn B (Per sulphate method
15	CHEMICAL- WATER	Drinking Water	Nitrate(NO3)	APHA 23rd Edition 2017 4500-NO3-B. UV Screening Method
16	CHEMICAL- WATER	Drinking Water	Odour	IS 3025-1983 R 1996
17	CHEMICAL- WATER	Drinking Water	pH	APHA 23rd Edition 2017-4500-H+ B Electrometric Method
18	CHEMICAL- WATER	Drinking Water	Sulphate (SO4)	APHA 23rd Edition 2017-4500-SO4-2 E. Turbidimetric Method/gravimetric method

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19	CHEMICAL- WATER	Drinking Water	Temperature	APHA-23rd Edition 2017- 2550 B
20	CHEMICAL- WATER	Drinking Water	Total Acidity	APHA 23rd Edition 2017-2310 B Titration Method
21	CHEMICAL- WATER	Drinking Water	Total Dissolved Solid	APHA-23rd Edition 2017- 2540 C Dried at 180ºC
22	CHEMICAL- WATER	Drinking Water	Total Solid	APHA 23rd Edition 2017-2540 B Total Solids Dried At 103-105 °C
23	CHEMICAL- WATER	Drinking Water	Total Suspended Solid	APHA 23rd Edition 2017-2540 D. Total Suspended Solids Dried At 103-105°C
24	CHEMICAL- WATER	Drinking Water	Turbidity	APHA-23rd 2017-2130 B Nephelometric Method