National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : STATE LABORATORY, PHED, GOVT. OF MANIPUR, LAMPHELPAT, IMPHAL WEST, IMPHAL, MANIPUR, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7688 **Page No** 1 of 2

Validity 19/01/2023 to 18/01/2025 **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	Chloride as Cl-	APHA-23rd Ed-Method 4500 - Cl-B
2	CHEMICAL- WATER	Drinking Water	Color	APHA-23rd Ed- Method 2120 C. Spectrophotometric Single Wavelength Method
3	CHEMICAL- WATER	Drinking Water	Conductivity	APHA-23rd Ed- Method 2510 B
4	CHEMICAL- WATER	Drinking Water	Fluoride as F-	APHA-23rd-Ed -Method 4500-F-D
5	CHEMICAL- WATER	Drinking Water	Iron as Fe	APHA-23rd Ed -Method 3500-Fe B
6	CHEMICAL- WATER	Drinking Water	Magnesium as Mg	APHA-23rd Ed-Method 3500-Mg B
7	CHEMICAL- WATER	Drinking Water	Nitrate (as NO3)	APHA-23rd Ed- Method 4500 Nitrate B. UV Spectrophotometric Screening Method
8	CHEMICAL- WATER	Drinking Water	Odour	IS :3025 part 5
9	CHEMICAL- WATER	Drinking Water	pH	APHA 23rd Ed-Method 4500 - H+ B
10	CHEMICAL- WATER	Drinking Water	Sulphate as SO4	APHA-23rd Ed-Method 4500 - SO4 2-E
11	CHEMICAL- WATER	Drinking Water	Taste	IS:3025(PART 8)
12	CHEMICAL- WATER	Drinking Water	Total Alkalinity as CaCO3	APHA-23rd Ed- Method 2320 -B
13	CHEMICAL- WATER	Drinking Water	Total dissolved Solids	APHA-23rd Ed-Method -2540 C
14	CHEMICAL- WATER	Drinking Water	Total Hardness as CaCO3	APHA-23rd Ed-Method 2340 C
15	CHEMICAL- WATER	Drinking Water	Turbidity	APHA-23rd Ed-Method 2130 B
16	CHEMICAL- WATER	Ground water	Calcium as Ca	APHA-23rd Ed-Method 3500-Ca B
17	CHEMICAL- WATER	Ground Water	Chloride as Cl-	APHA-23rd Ed -Method 4500 – Cl - B
18	CHEMICAL- WATER	Ground Water	Conductivity	APHA-23rd Ed -Method 2510 B
19	CHEMICAL- WATER	Ground Water	Fluoride as F-	APHA-23rd Ed -Method 4500 – F - D
20	CHEMICAL- WATER	Ground Water	Iron as Fe	APHA-23rd Ed -Method 3500 – Fe B

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21	CHEMICAL- WATER	Ground Water	Magnesium as Mg	APHA-23rd Ed -Method 3500 – Mg B
22	CHEMICAL- WATER	Ground Water	pH	APHA-23rd Ed -Method 4500 – H+ B
23	CHEMICAL- WATER	Ground Water	Sulphate (SO4)	APHA-23rd Ed -Method 4500 – SO4 2 - E
24	CHEMICAL- WATER	Ground Water	Total Alkalinity as CaCO3	APHA-23rd Ed -Method 2320 B
25	CHEMICAL- WATER	Ground Water	Total Dissolved Solids	APHA-23rd Ed -Method 2540 C
26	CHEMICAL- WATER	Ground Water	Total Hardness (as CaCO3)	APHA-23rd Ed -Method 2340 C
27	CHEMICAL- WATER	Ground Water	Turbidity	APHA-23rd Ed -Method 2130 B
28	CHEMICAL- WATER	Potable Water	Calcium as Ca	APHA-23rd Ed -Method 3500 – Ca B
29	CHEMICAL- WATER	Surface water	Calcium as Ca	APHA-23rd Ed -Method 3500-Ca B
30	CHEMICAL- WATER	Surface water	Chloride as Cl-	APHA-23Ed-Method 4500-Cl-B
31	CHEMICAL- WATER	Surface water	Conductivity	APHA-23rd Ed-Method 2510 B
32	CHEMICAL- WATER	Surface water	Fluoride as F-	APHA-23rd Ed-Method 4500-F-D
33	CHEMICAL- WATER	Surface water	Iron as Fe	APHA-23rd Ed-Method 3500-Fe B
34	CHEMICAL- WATER	Surface Water	Magnesium as Mg	APHA -23rd Ed-Method 3500-Mg B
35	CHEMICAL- WATER	Surface water	pH	APHA-23rd Ed-Method 4500-H+ B
36	CHEMICAL- WATER	Surface water	Sulphate as SO4	APHA-23rd Ed-Method 4500-SO4 2-E
37	CHEMICAL- WATER	Surface water	Total Alkalinity as CaCO3	APHA-23rd Ed-Method 2320 B
38	CHEMICAL- WATER	Surface water	Total Dissolved Solids	APHA-23rd Ed-Method 2540 C
39	CHEMICAL- WATER	Surface water	Total Hardness as CaCO3	APHA-23rd Ed-Method 2340 C
40	CHEMICAL- WATER	Surface water	Turbidity	APHA-23rd Ed-Method 2130 B