National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : DISTRICT LABORATORY, PUBLIC HEALTH ENGINEERING DEPARTMENT, RAJSAMAND, SADHANA SHIKHAR, RAJSAMAND, RAJASTHAN, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9431 **Page No** 1 of 2

Validity 16/04/2021 to 15/04/2023 **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 2320 B (Titration Method)
2	CHEMICAL- WATER	Drinking Water	Calcium as Ca	APHA 3500Ca - B (EDTA Titrimetric Method):
3	CHEMICAL- WATER	Drinking Water	Chloride as Cl	APHA 4500Cl- B (Argentometric Method):
4	CHEMICAL- WATER	Drinking Water	Color	APHA 2120 B (Visual Comparison Method)
5	CHEMICAL- WATER	Drinking Water	Conductivity	APHA 2510 B (Laboratory Method):
6	CHEMICAL- WATER	Drinking Water	Fluoride as F	APHA 4500 F- C (ISE method):
7	CHEMICAL- WATER	Drinking Water	Magnesium as Mg	APHA 3500Mg - B (Calculation Method):
8	CHEMICAL- WATER	Drinking Water	Odor	APHA 2150 B. Threshold Odor Tes
9	CHEMICAL- WATER	Drinking Water	pH	APHA --4500H+ B (Electrometric Method):
10	CHEMICAL- WATER	Drinking Water	Taste	APHA 2160 B. Flavor Threshold Test
11	CHEMICAL- WATER	Drinking Water	Total Dissolved Solids (TDS)	APHA 2540 (TDS Dried at 180 °C):
12	CHEMICAL- WATER	Drinking Water	Total Hardness as CaCO3	APHA 2340 C (EDTA Titrimetric Method):
13	CHEMICAL- WATER	Drinking Water	Turbidity	APHA 2130 B (Turbidimetric Method):
14	CHEMICAL- WATER	Ground Water	Calcium as Ca	APHA 3500Ca - B (EDTA Titrimetric Method)
15	CHEMICAL- WATER	Ground Water	Chloride as Cl	APHA 4500Cl- B (Argentometric Method)
16	CHEMICAL- WATER	Ground Water	Color	APHA 2120 B (Visual Comparison Method)
17	CHEMICAL- WATER	Ground Water	Conductivity	APHA 2510 B (Laboratory Method)
18	CHEMICAL- WATER	Ground Water	Fluoride as F	APHA 4500 F- C (ISE method)
19	CHEMICAL- WATER	Ground Water	Magnesium as Mg	APHA 3500Mg - B (Calculation Method)

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20	CHEMICAL- WATER	Ground Water	Odor	APHA 2150 B. Threshold Odor Test
21	CHEMICAL- WATER	Ground Water	pH	APHA --4500H+ B (Electrometric Method)
22	CHEMICAL- WATER	Ground Water	Taste	APHA 2160 B. Flavor Threshold Test
23	CHEMICAL- WATER	Ground Water	Total Alkalinity as CaCO3	APHA 2320 B (Titration Method)
24	CHEMICAL- WATER	Ground Water	Total Dissolved Solids (TDS)	APHA 2540 (TDS Dried at 180 °C)
25	CHEMICAL- WATER	Ground Water	Total Hardness as CaCO3	APHA 2340 C (EDTA Titrimetric Method)
26	CHEMICAL- WATER	Ground Water	Turbidity	APHA 2130 B (Turbidimetric Method)