National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : GERMI ENVIRONMENTAL TESTING LABORATORY, GUJARAT ENERGY RESEARCH AND MANAGEMENT INSTITUTE, 1ST FLOOR, ENERGY BUILDING, PDPU CAMPUS, RAISAN VILLAGE, GANDHINAGAR, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9767 **Page No** 1 of 2

Validity 18/08/2021 to 17/08/2023 **Last Amended on** 09/12/2022

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- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Biochemical Oxygen Demand (BOD3days)	IS 3025 Part 44
2	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Biochemical Oxygen Demand (BOD5days)	APHA 23rd Edition 5210 B
3	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Chemical Oxygen Demand (COD)	APHA 23rd Edition 5220 B
4	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Chloride	APHA 23rd Edition 4500-Cl B
5	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Dissolved Oxygen(DO)	APHA 23rd Edition 4500-O C
6	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	pH	APHA 23rd Edition 4500- H+ B
7	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Temperature	APHA 23rd Edition 2550 B
8	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Total Dissolved Solids (TDS)	APHA 23rd Edition 2540 C
9	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Total Suspended Solids (TSS)	APHA 23rd Edition 2540 D
10	CHEMICAL- WATER	Drinking Water	Acidity as CaCO3 upto pH 8.3	APHA 23rd Edition 2310 B
11	CHEMICAL- WATER	Drinking Water	Chloride	APHA 23rd Edition 4500-Cl B.
12	CHEMICAL- WATER	Drinking Water	pH	APHA 23rd Edition 4500 H+B
13	CHEMICAL- WATER	Drinking Water	Total Dissolved Solids (TDS)	APHA 23rd Edition 2540 C
14	CHEMICAL- WATER	Drinking Water	Total Hardness (as CaCo3)	APHA 23rd Edition 2340 C
15	CHEMICAL- WATER	Drinking Water	Total Suspended Solids (TSS)	APHA 23rd Edition 2540 D
16	CHEMICAL- WATER	Ground Water	Acidity as CaCO3 upto pH 8.3	APHA 23rd Edition 2310 B
17	CHEMICAL- WATER	Ground Water	Biochemical Oxygen Demand (BOD)	APHA 23rd Edition 5210 B
18	CHEMICAL- WATER	Ground Water	Chemical Oxygen Demand (COD)	APHA 23rd Edition 5220 B
19	CHEMICAL- WATER	Ground Water	Chloride	APHA 23rd Edition 4500-Cl B.
20	CHEMICAL- WATER	Ground Water	pH	APHA 23rd Edition 4500 H+B
21	CHEMICAL- WATER	Ground Water	Total Dissolved Solids (TDS)	APHA 23rd Edition 2540 C
22	CHEMICAL- WATER	Ground Water	Total Hardness (as CaCo3)	APHA 23rd Edition 2340 C
23	CHEMICAL- WATER	Ground Water	Total Suspended Solids (TSS)	APHA 23rd Edition 2540 D

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24	CHEMICAL- WATER	Surface Water	Acidity as CaCO3 upto pH 8.3	APHA 23rd Edition 2310 B
25	CHEMICAL- WATER	Surface Water	Biochemical Oxygen Demand (BOD)	APHA 23rd Edition 5210 B
26	CHEMICAL- WATER	Surface Water	Chemical Oxygen Demand (COD)	APHA 23rd Edition 5220 B
27	CHEMICAL- WATER	Surface Water	Chloride	APHA 23rd Edition 4500-Cl B.
28	CHEMICAL- WATER	Surface Water	pH	APHA 23rd Edition 4500 H+B
29	CHEMICAL- WATER	Surface Water	Total Dissolved Solids (TDS)	APHA 23rd Edition 2540 C
30	CHEMICAL- WATER	Surface Water	Total Hardness (as CaCo3)	APHA 23rd Edition 2340 C
31	CHEMICAL- WATER	Surface Water	Total Suspended Solids (TSS)	APHA 23rd Edition 2540 D
32	CHEMICAL- WATER	Water from Water Purifiers	Acidity as CaCO3 upto pH 8.3	APHA 23rd Edition 2310 B
33	CHEMICAL- WATER	Water from Water Purifiers	Chloride	APHA 23rd Edition 4500-Cl B.
34	CHEMICAL- WATER	Water from Water Purifiers	pH	APHA 23rd Edition 4500 H+B: 2017
35	CHEMICAL- WATER	Water from Water Purifiers	Total Dissolved Solids (TDS)	APHA 23rd Edition 2540 C
36	CHEMICAL- WATER	Water from Water Purifiers	Total Hardness (as CaCo3)	APHA 23rd Edition 2340 C