



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

CENTRE OF EXCELLENCE, ENVIRONMENTAL TESTING AND RESEARCH LABORATORY, DR. JIVRAJ MEHTA INSTITUTE OF TECHNOLOGY, GROUND FLOOR, CHARUTTAR EDUCATION AND NAVRACHNA TRUST, RAMNAGAR ROAD, MOGAR VILLAGE, ANAND, GUJARAT, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-12156

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Validity

25/08/2023 to 24/08/2025

Last Amended on

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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- ATMOSPHERIC POLLUTION	Ambient Air	Particulate Matter (PM10)	IS 5182 (Part 23)
2	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Particulate Matter (PM2.5)	IS 5182 (Part 24)
3	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Particulate Matter (PM)	IS 11255 (Part 1)
4	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Sulphur Dioxide (SO ₂)	IS 11255 (Part 2)
5	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Oxides of Nitrogen (NO _x)	IS 11255 (Part 7)
6	CHEMICAL- POLLUTION & ENVIRONMENT	Solid Waste (Effluents/Sewage)	Moisture Content	IS 9235
7	CHEMICAL- POLLUTION & ENVIRONMENT	Solid Waste (Effluents/Sewage)	Non-Volatile Matter	IS 10158
8	CHEMICAL- POLLUTION & ENVIRONMENT	Solid Waste (Effluents/Sewage)	pH	IS: 10158
9	CHEMICAL- POLLUTION & ENVIRONMENT	Solid Waste (Effluents/Sewage)	Volatile Matter	IS 10158
10	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Chemical Oxygen Demand	IS 3025 (Part 58)
11	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Chloride	APHA 23rd Edition 4500-Cl B
12	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Dissolved Oxygen	APHA 23rd Edition 4500-O B
13	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Fixed Residue	IS 3025 (Part 18)
14	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Oil & Grease	APHA 23rd Edition 5520 B
15	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	pH	IS 3025 (Part 11)
16	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Residual Chlorine	APHA 23rd Edition 4500-Cl B
17	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Sulphate	IS 3025 (Part 24, Section 1)
18	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Sulphide	APHA 23rd Edition 4500-S2- F



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19	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Total Dissolve Solids	APHA 23rd Edition 2540 C
20	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Total Suspended Solids	APHA 23rd Edition 2540 D
21	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Turbidity	APHA 23rd Edition 2130 B
22	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Volatile Residue	IS 3025 (Part 18)
23	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Bio-Chemical Oxygen Demand (for 3 Days at 27 °C)	IS 3025 (Part 44)
24	CHEMICAL- WATER	Ground Water	Acidity	APHA 23rd Edition 2310 B
25	CHEMICAL- WATER	Ground Water	Calcium (Ca+2)	APHA 23rd Edition 3500-Ca B
26	CHEMICAL- WATER	Ground Water	Chloride	APHA 23rd Edition 4500-Cl B
27	CHEMICAL- WATER	Ground Water	Dissolved Oxygen	APHA 23rd Edition 4500-O B
28	CHEMICAL- WATER	Ground Water	Magnesium (Mg+2)	APHA 23rd Edition 3500-Mg B
29	CHEMICAL- WATER	Ground Water	Oil & Grease	APHA 23rd Edition 5520 B
30	CHEMICAL- WATER	Ground Water	pH	IS 3025 (Part 11)
31	CHEMICAL- WATER	Ground Water	Specific Conductivity	IS 3025 (Part 14)
32	CHEMICAL- WATER	Ground Water	Sulphate	IS 3025 (Part 24, Section 1)
33	CHEMICAL- WATER	Ground Water	Total Alkalinity (CaCO ₃)	APHA 23rd Edition 2320 B
34	CHEMICAL- WATER	Ground Water	Total Dissolved Solids	APHA 23rd Edition 2540 C
35	CHEMICAL- WATER	Ground Water	Total Hardness (CaCO ₃)	APHA 23rd Edition 2340 C
36	CHEMICAL- WATER	Ground Water	Total Suspended Solids	APHA 23rd Edition 2540 D
37	CHEMICAL- WATER	Ground Water	Turbidity	APHA 23rd Edition 2130 B